MISSOURI BOTANICAL GARDEN

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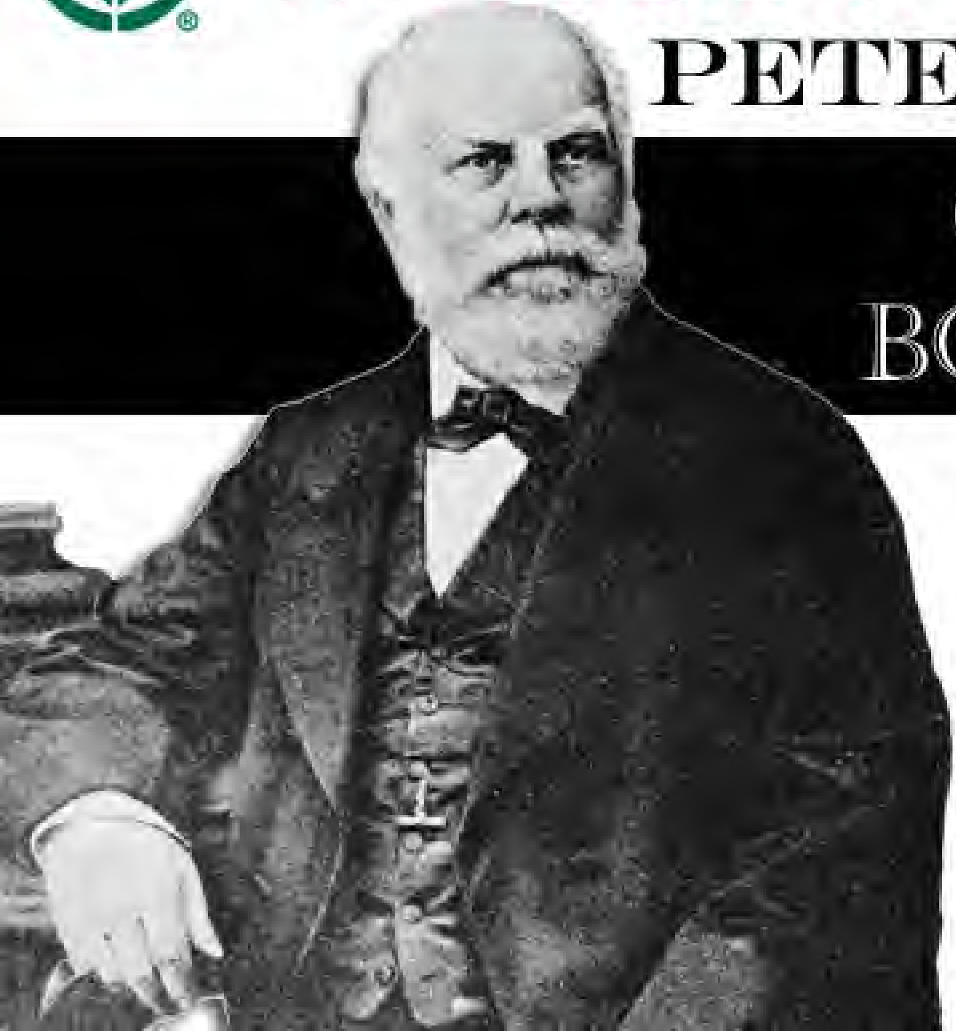
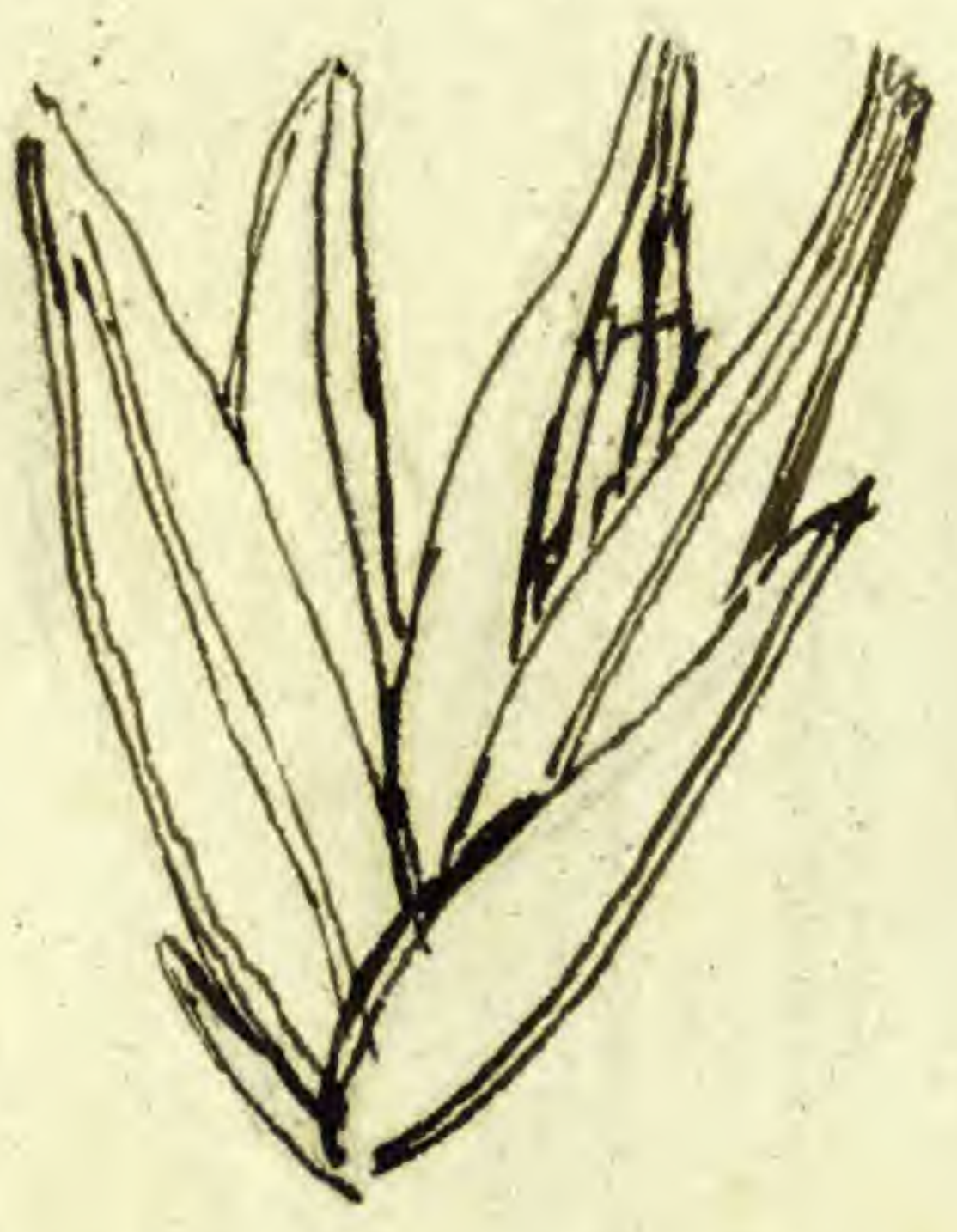


GEORGE ENGELMANN BOTANICAL NOTEBOOKS

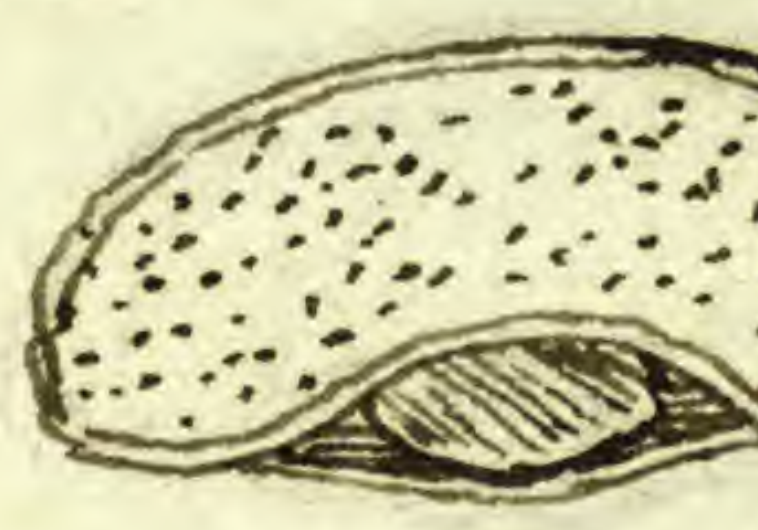
Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Febr. 1859



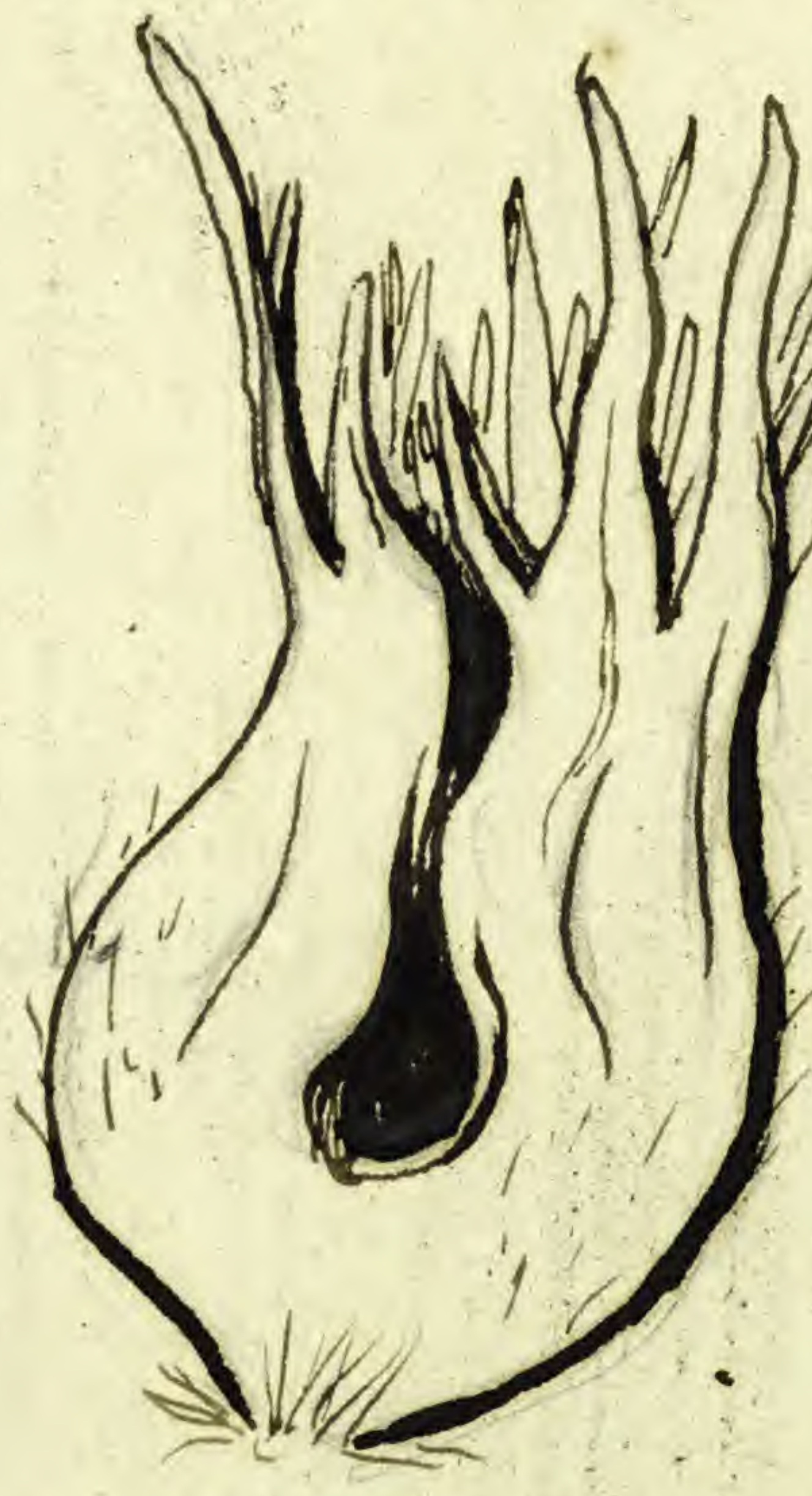
Dry flower of Speci–
coll. by A. Geyer

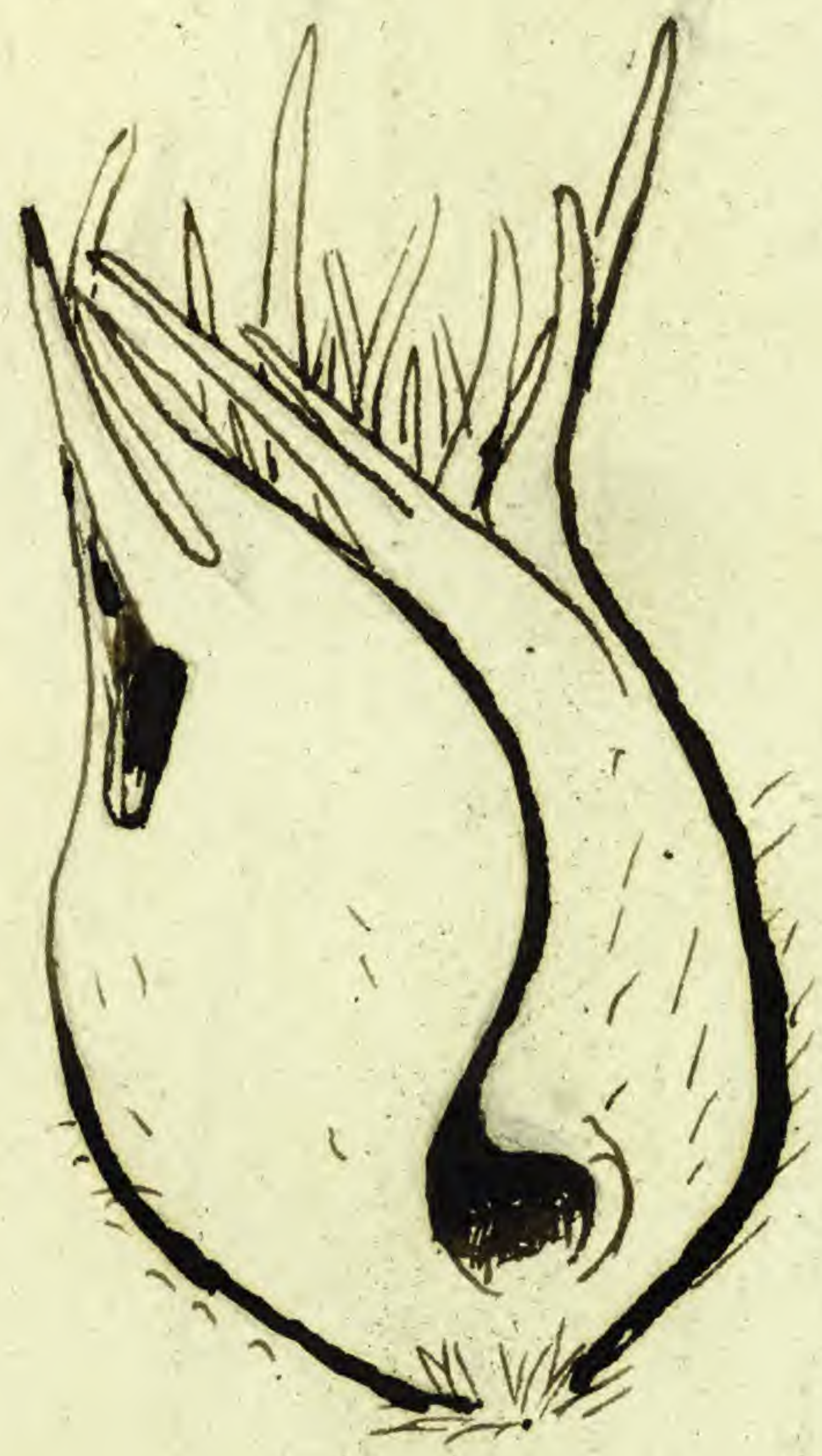
posterior face convex
turned toward the upper palea



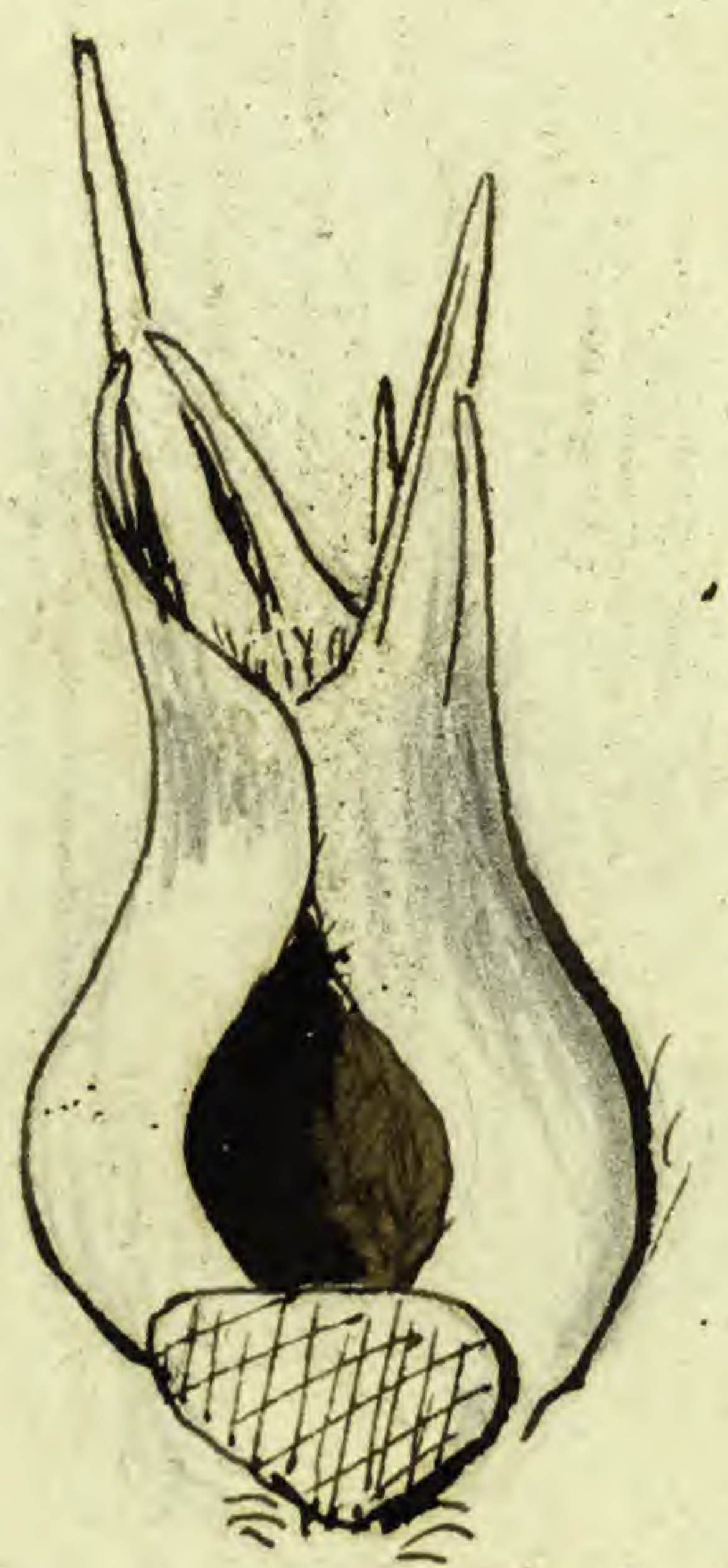
Sect of Seed
June 1859

embryo
outside
or next the lower
valve ~~of fest~~
palea

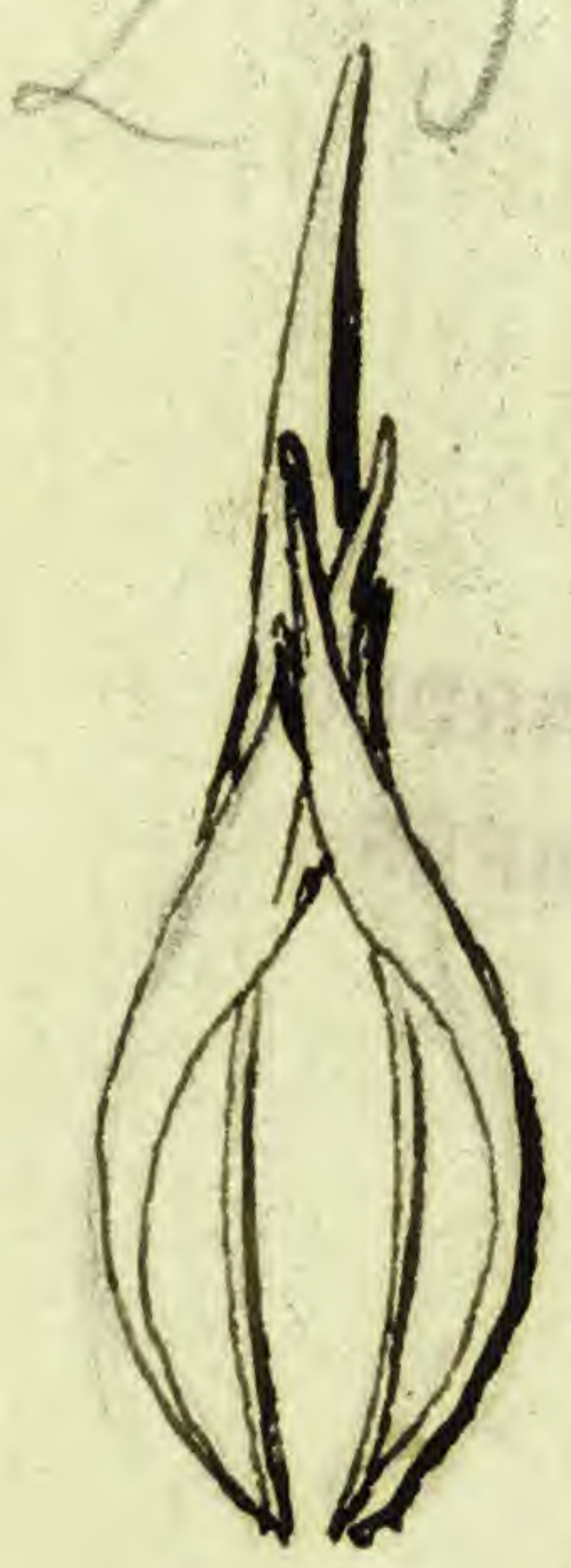




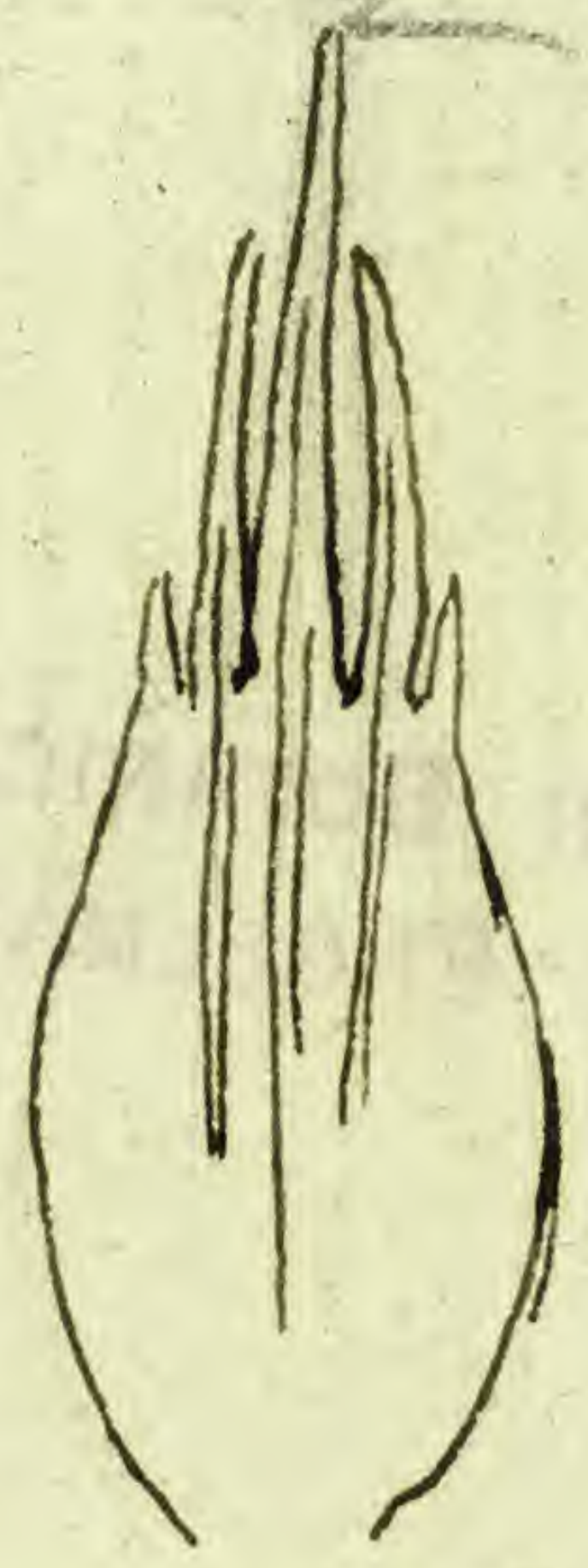
25 26



inside of exterior
palea, after
removing the



inside of interior
Palea with the
seed enveloped
in the 2 carinate
glumæ



outside
of interior
glume

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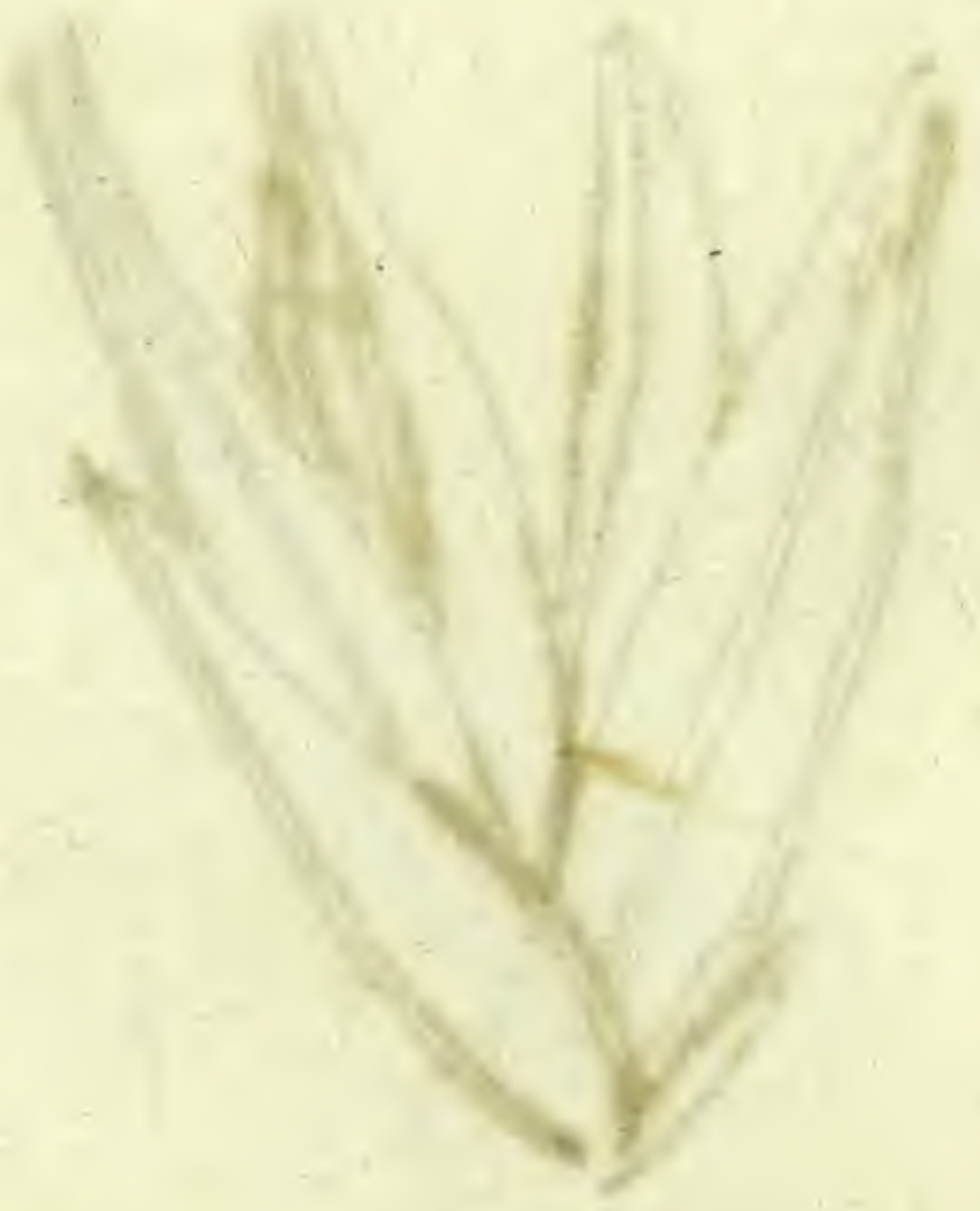
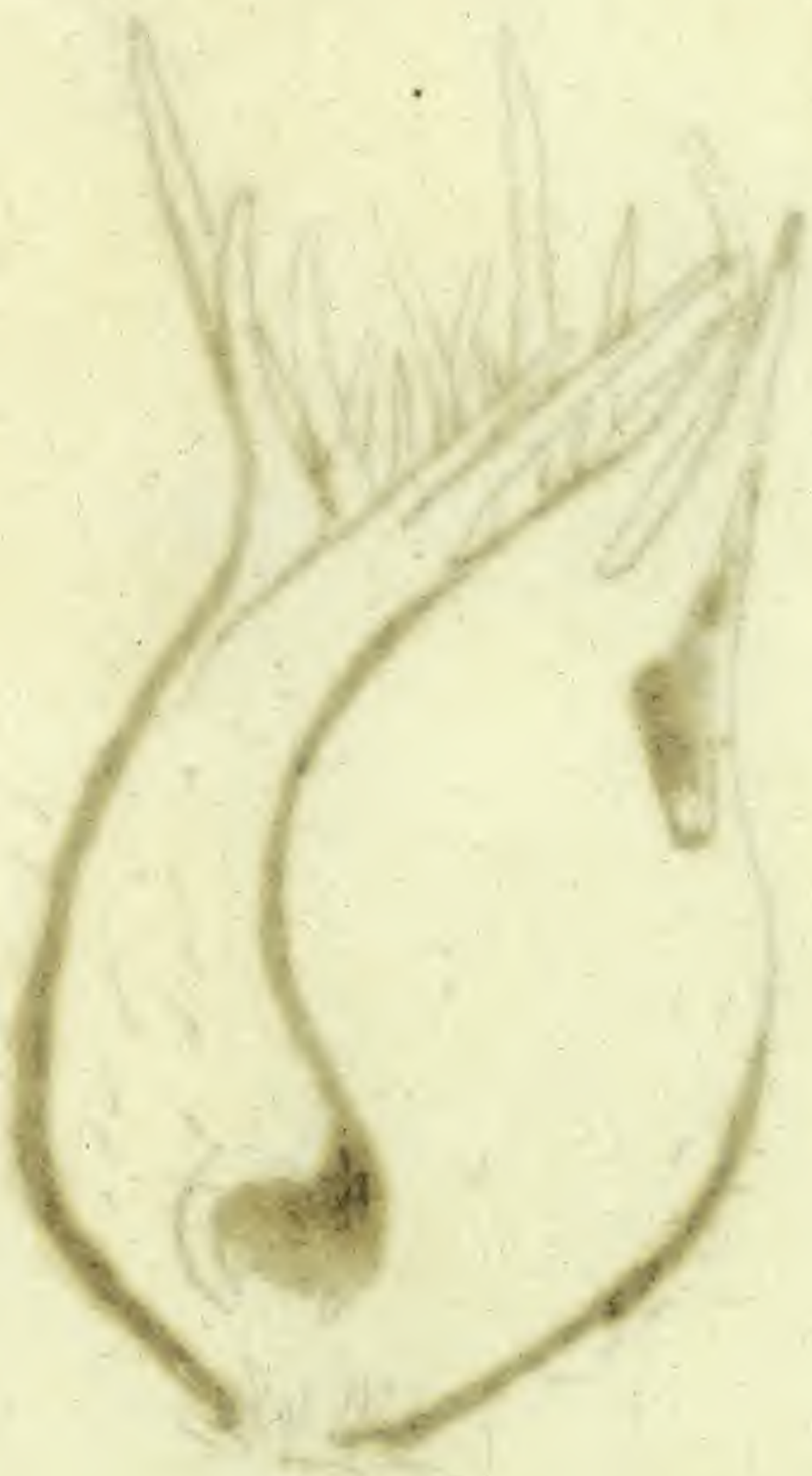
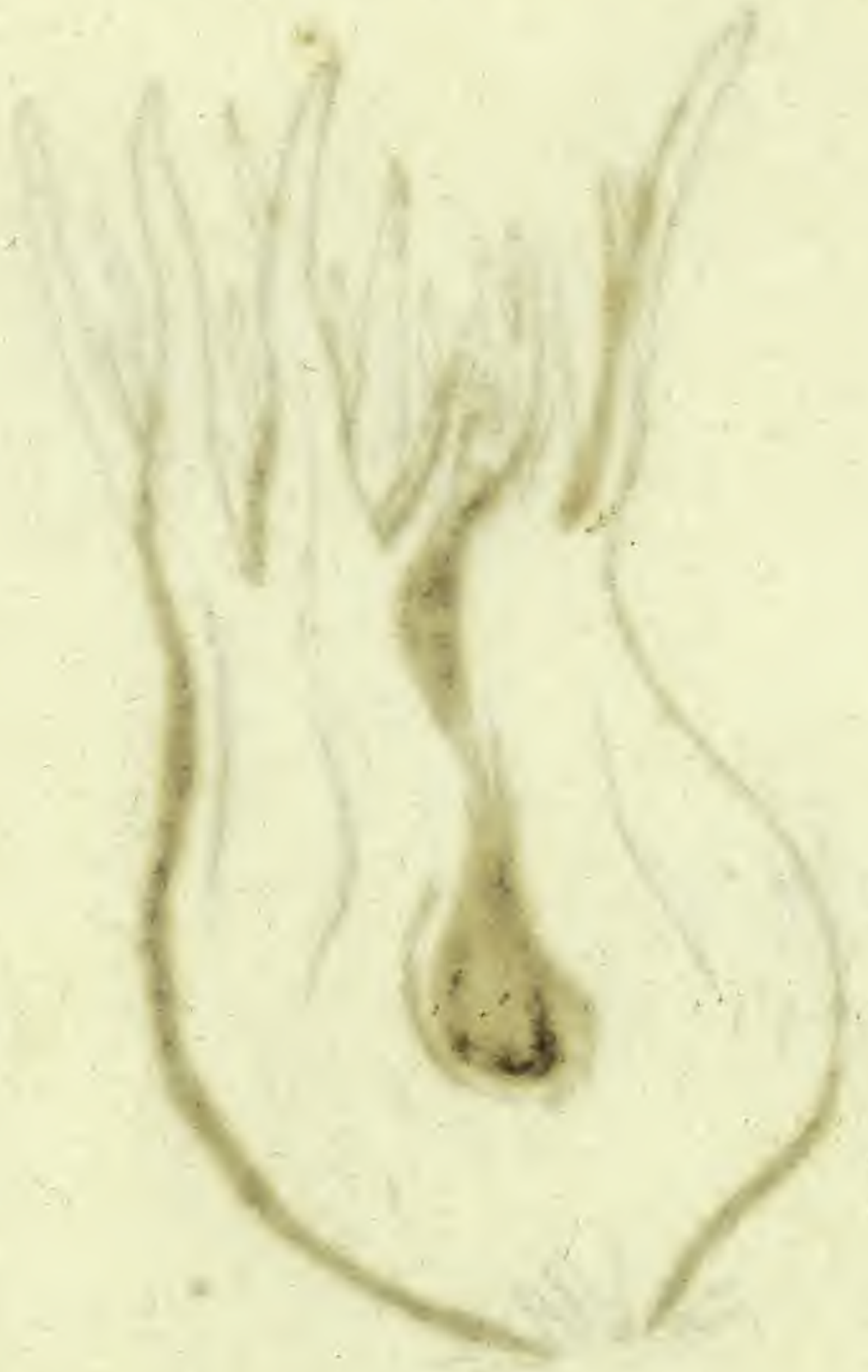
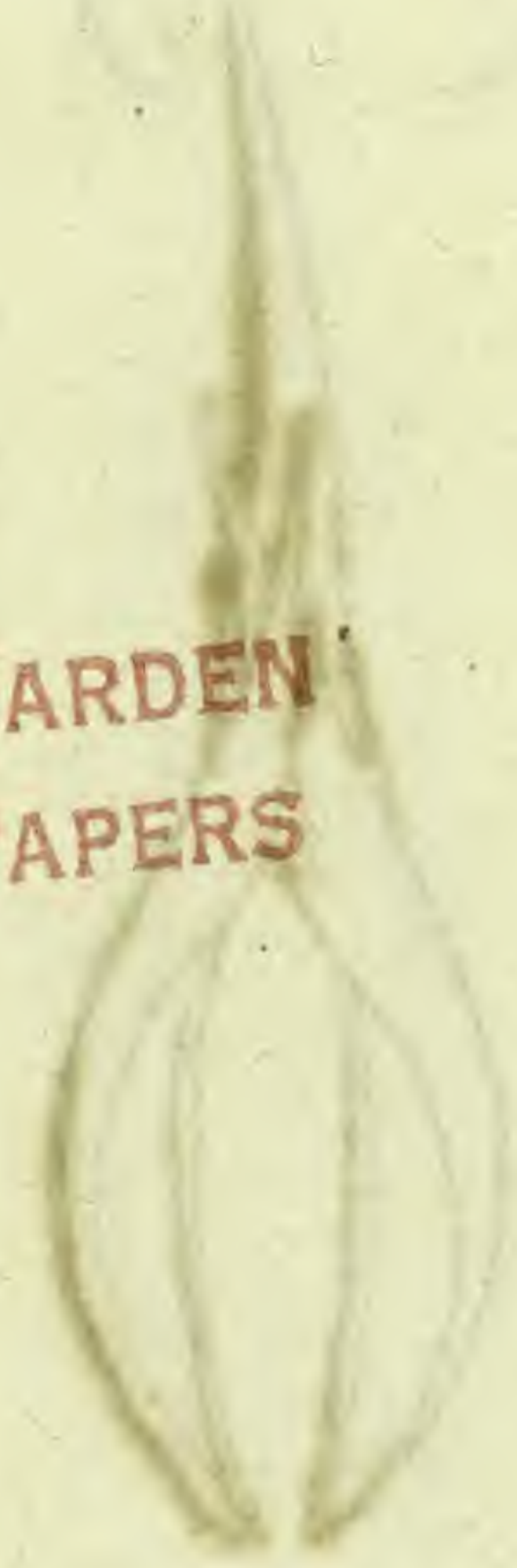
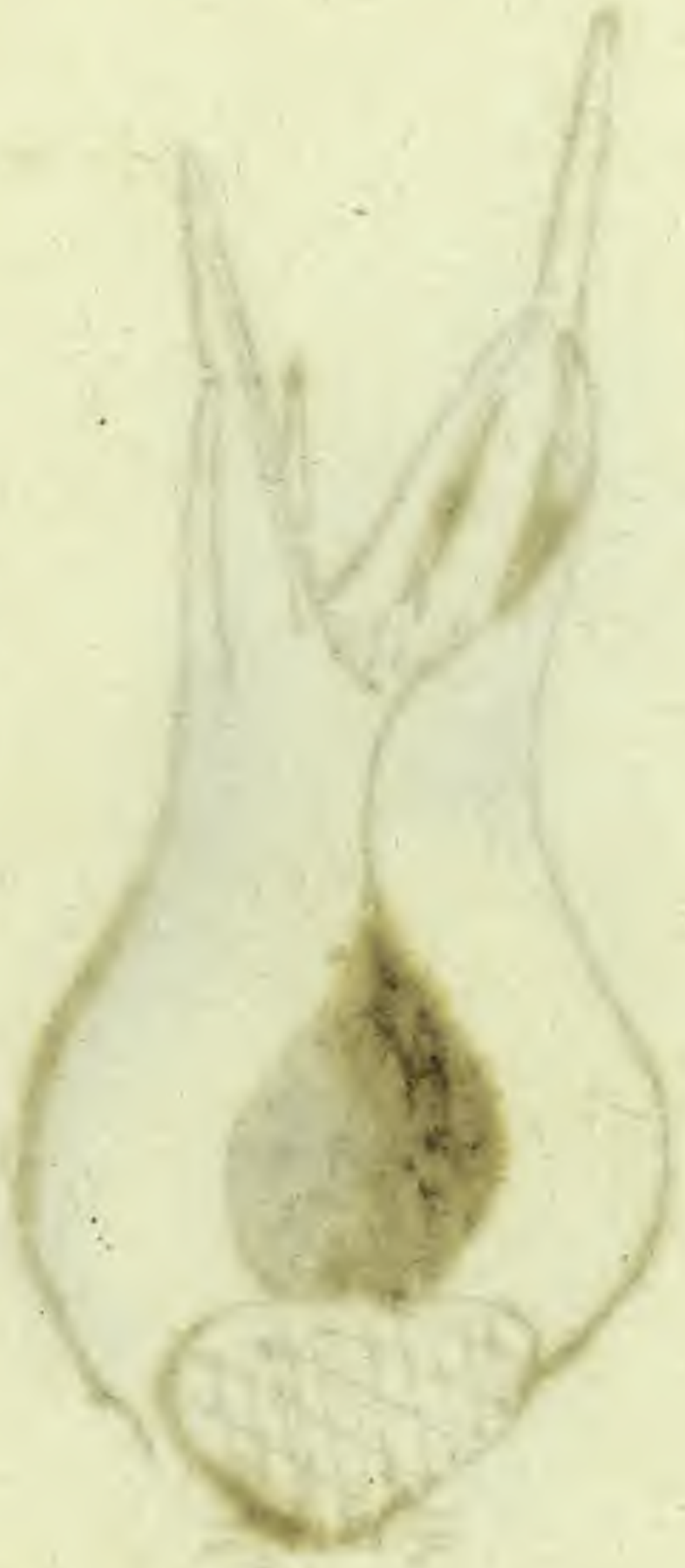




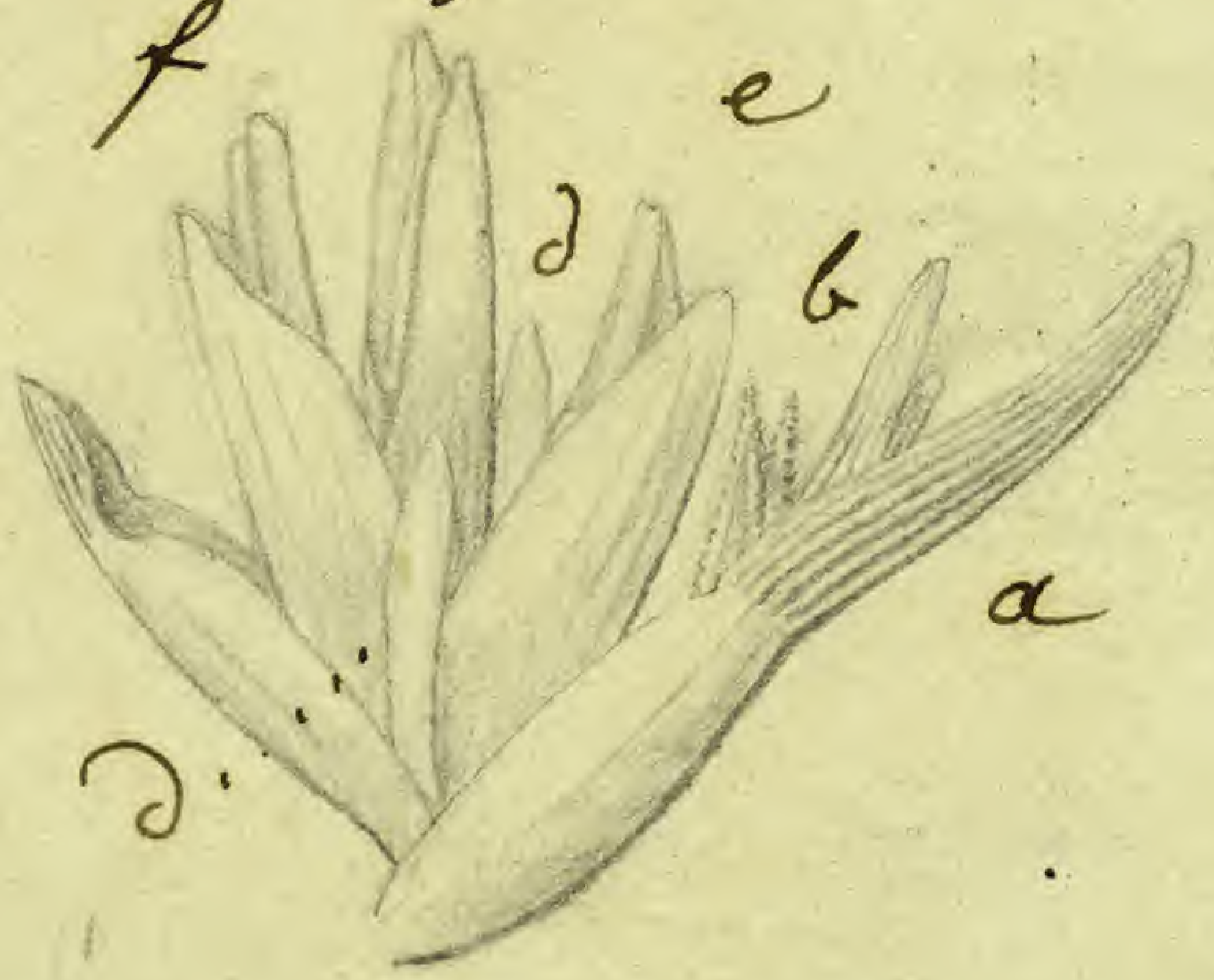


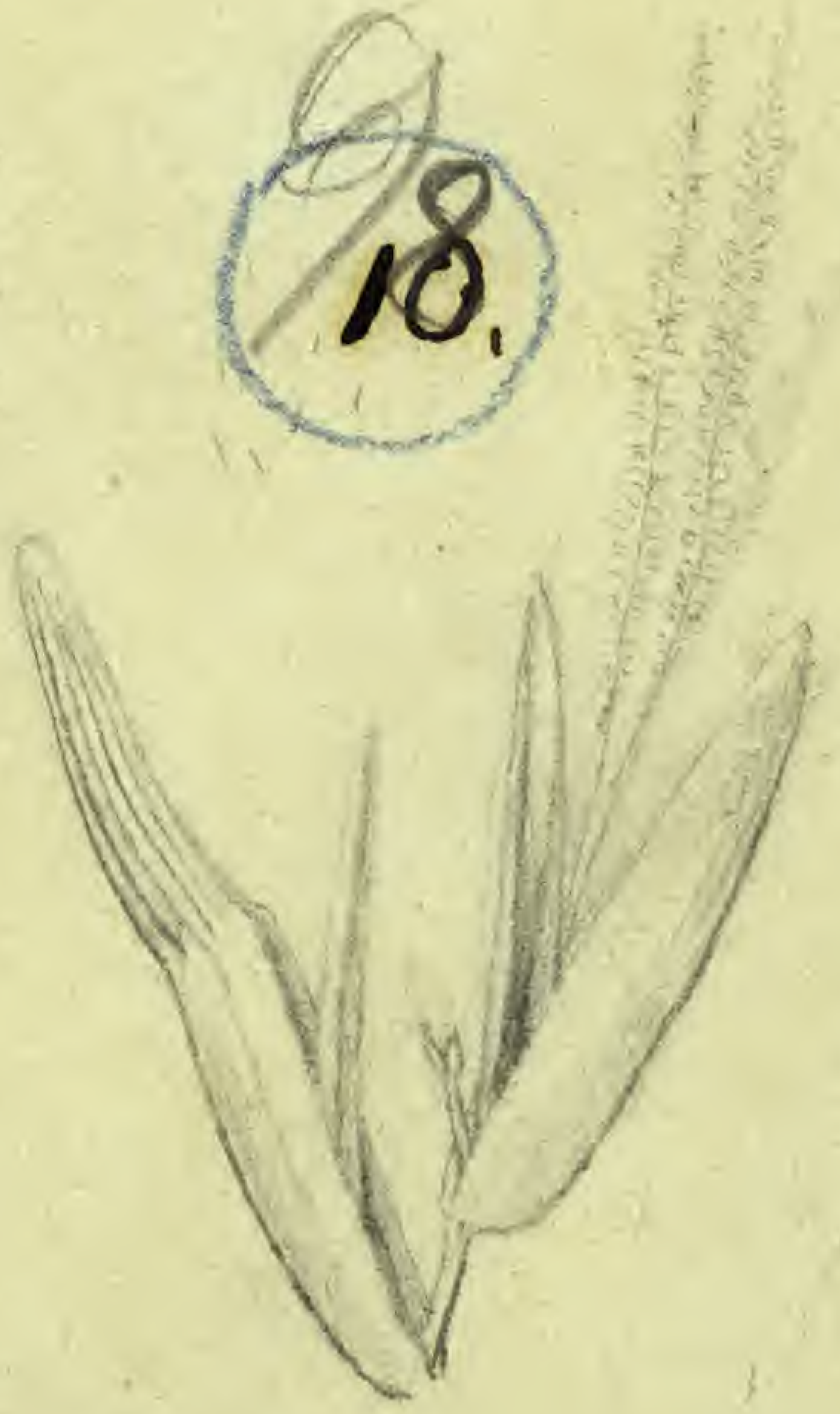




6. 6

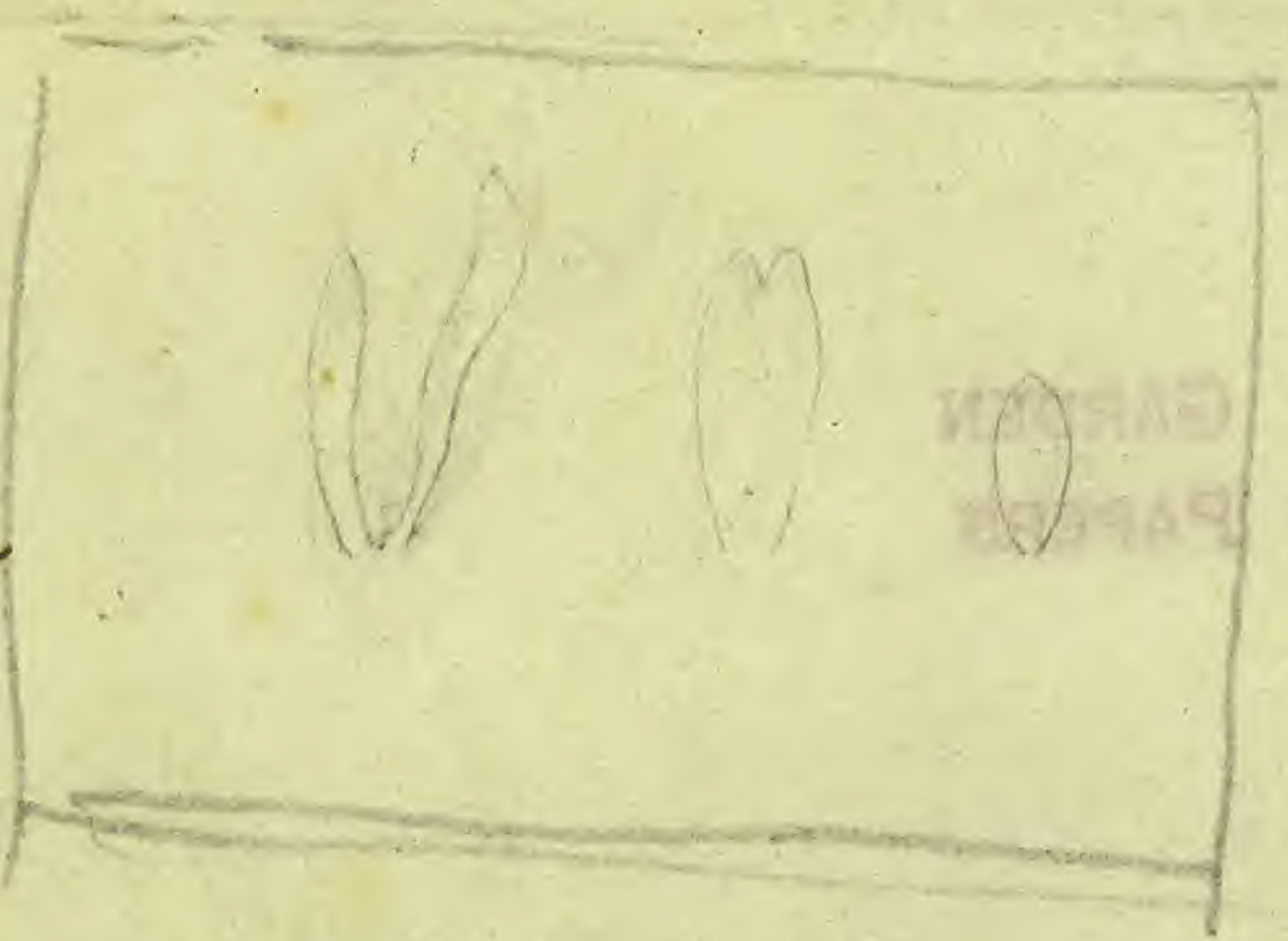
9 10.





23

~~15~~



~~10~~

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cm
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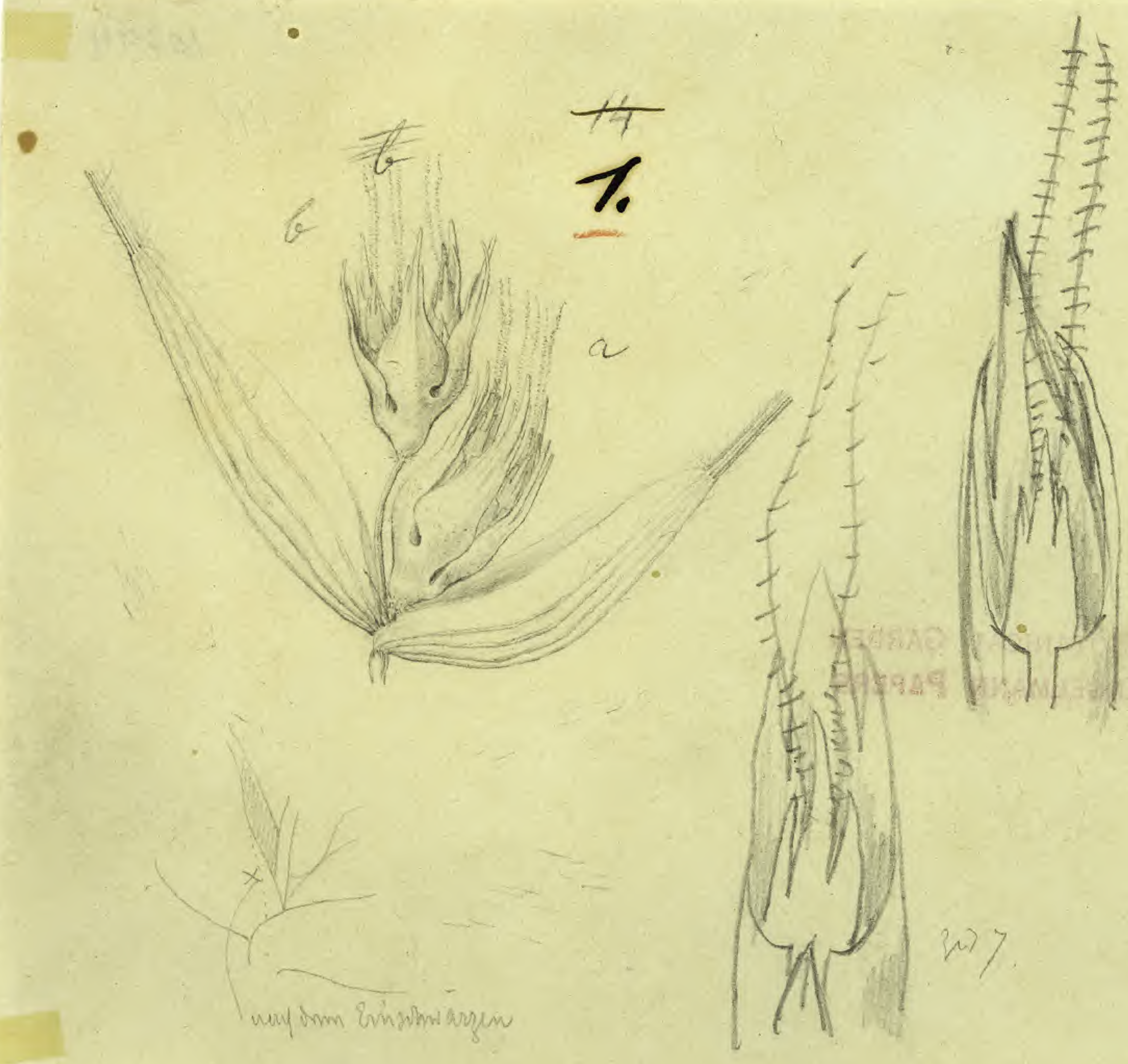
~~14~~

1.



nach dem Einschwärzen

zu 7

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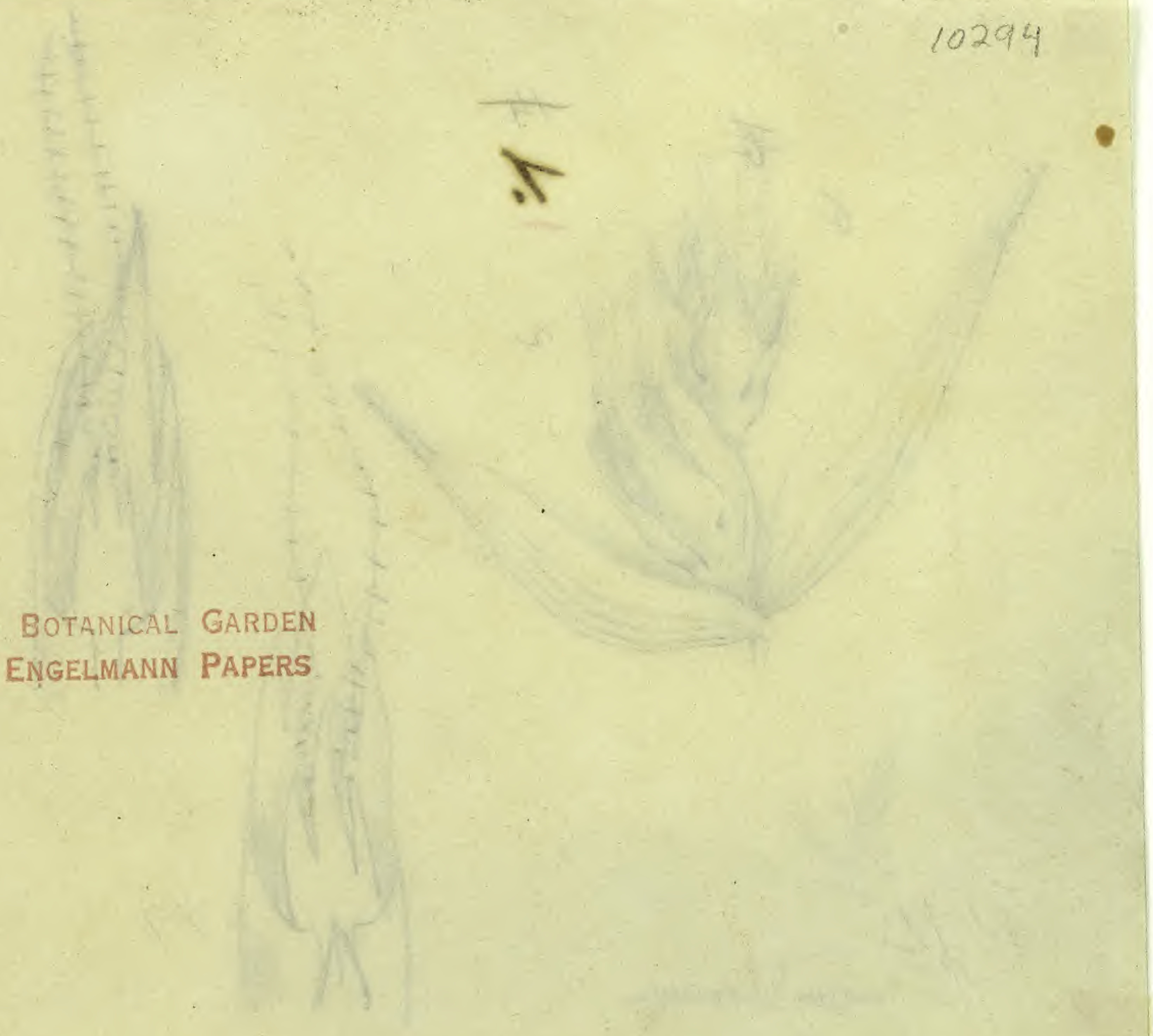
1.



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4 [illegible] 2 [illegible]

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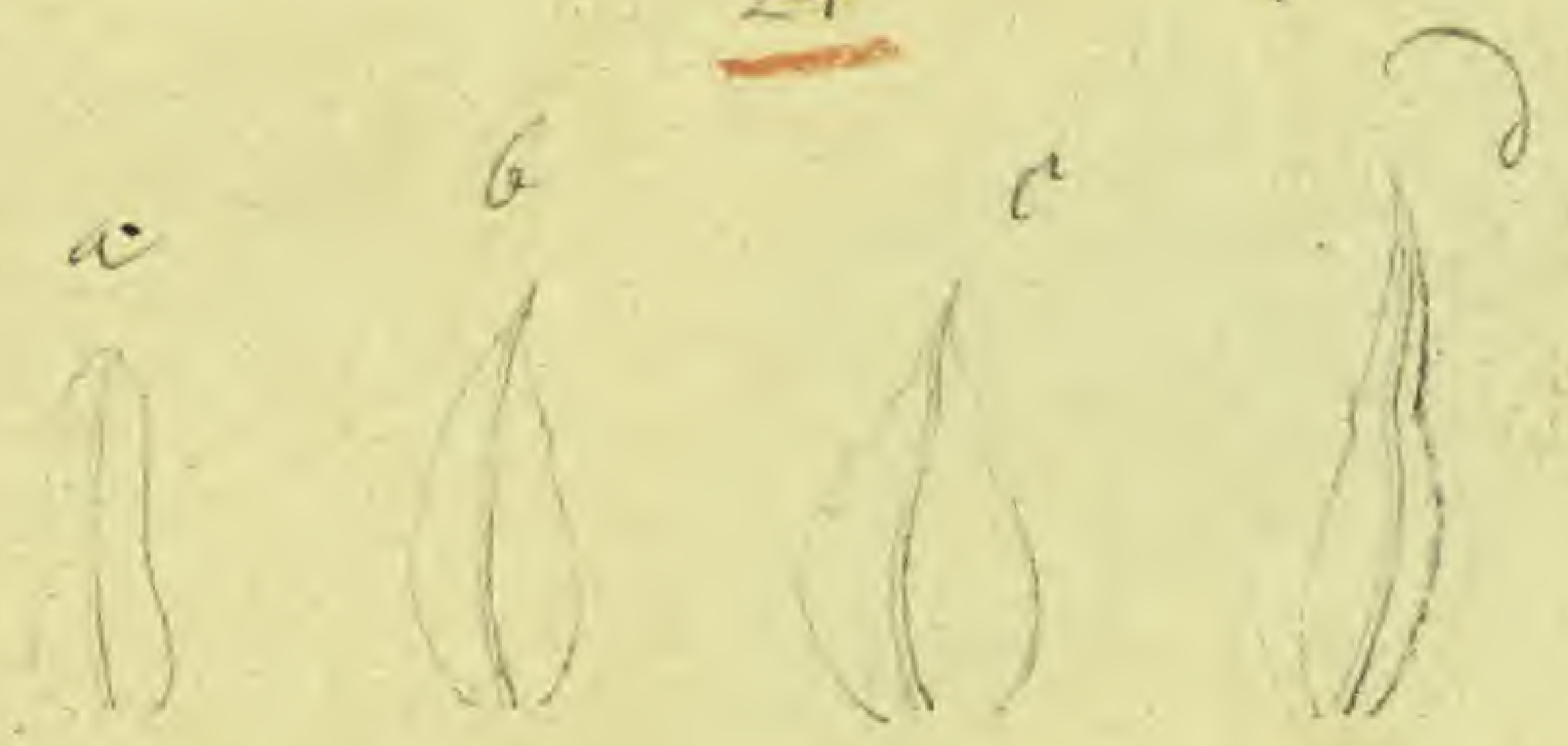

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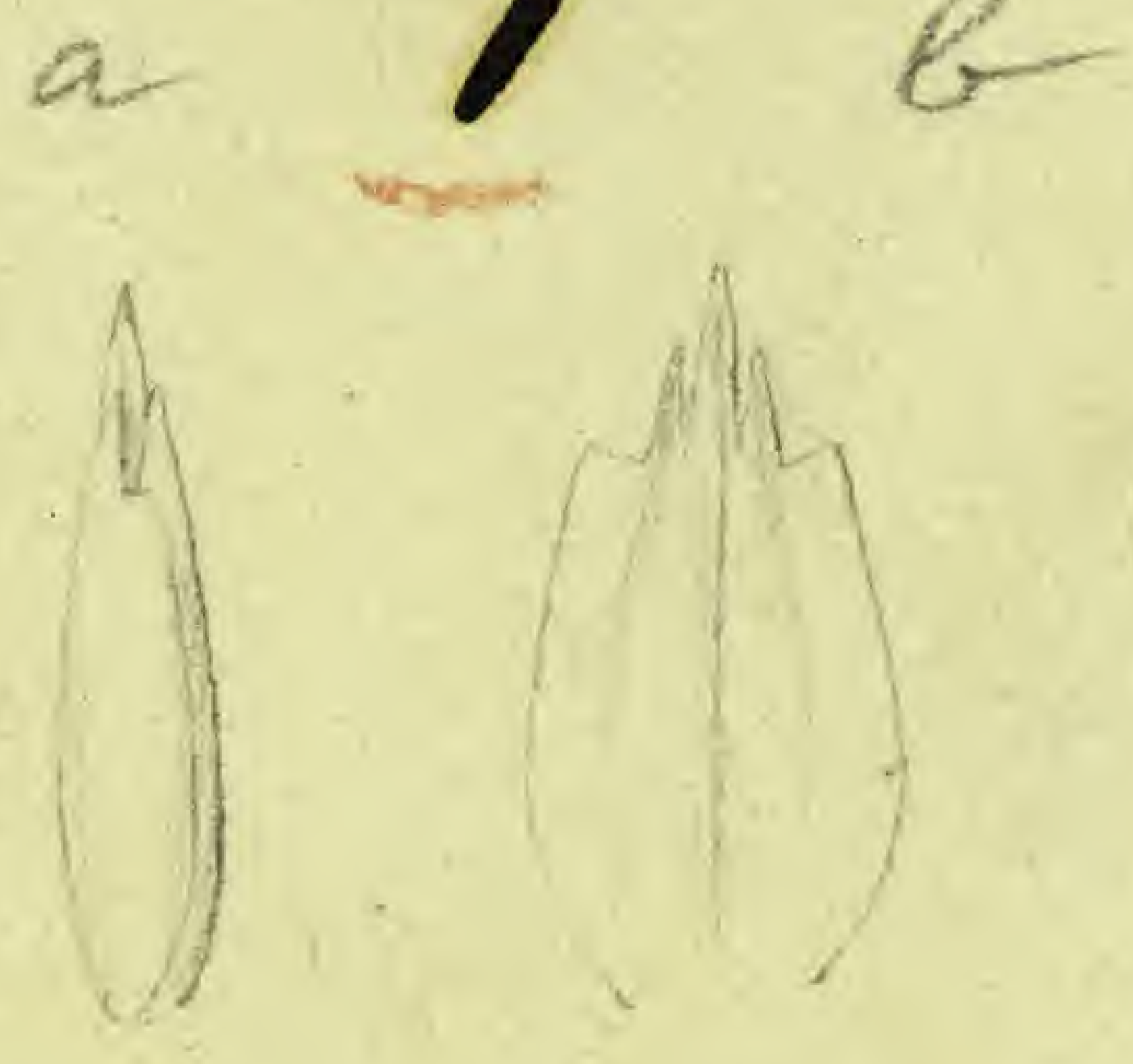

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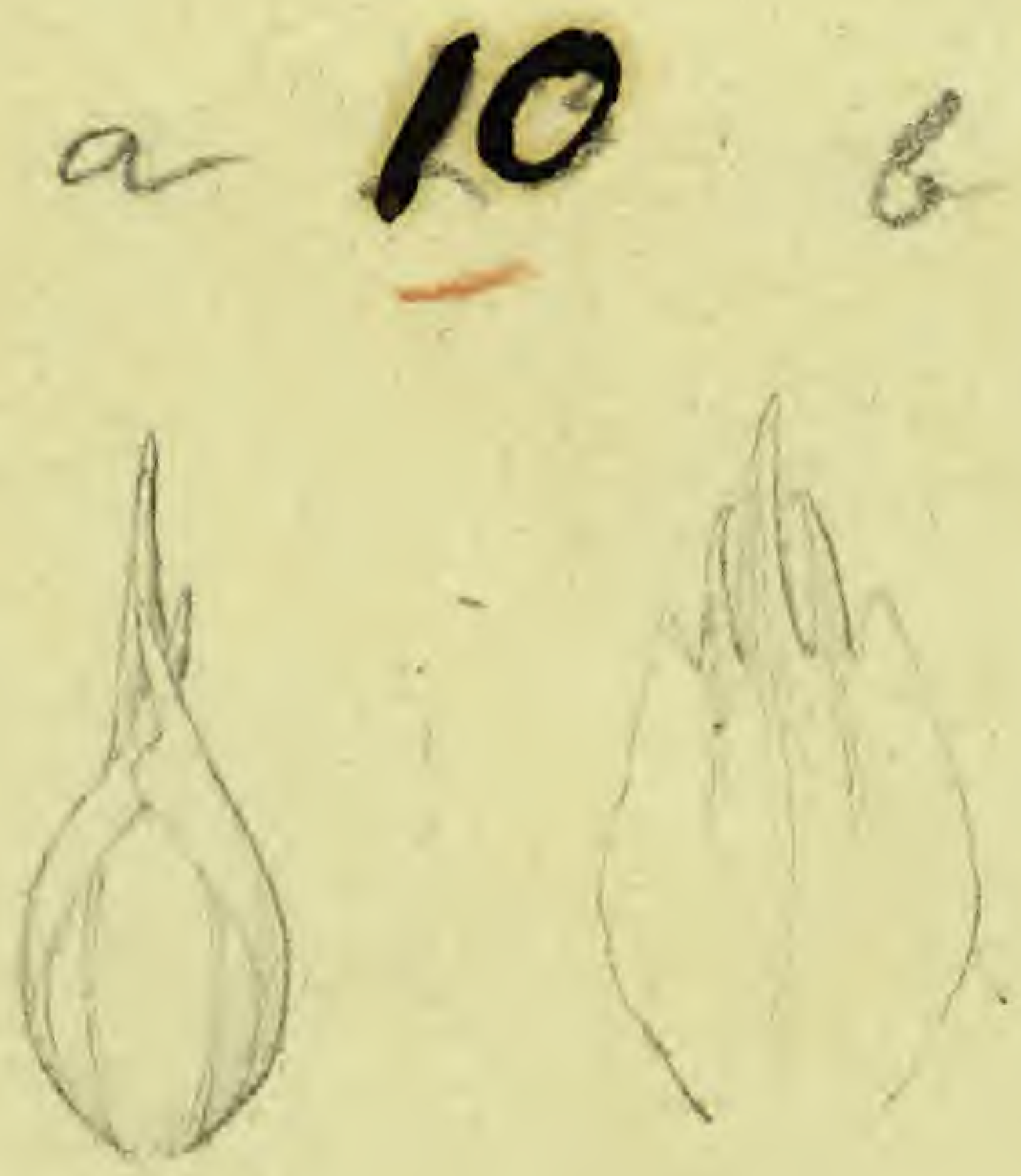

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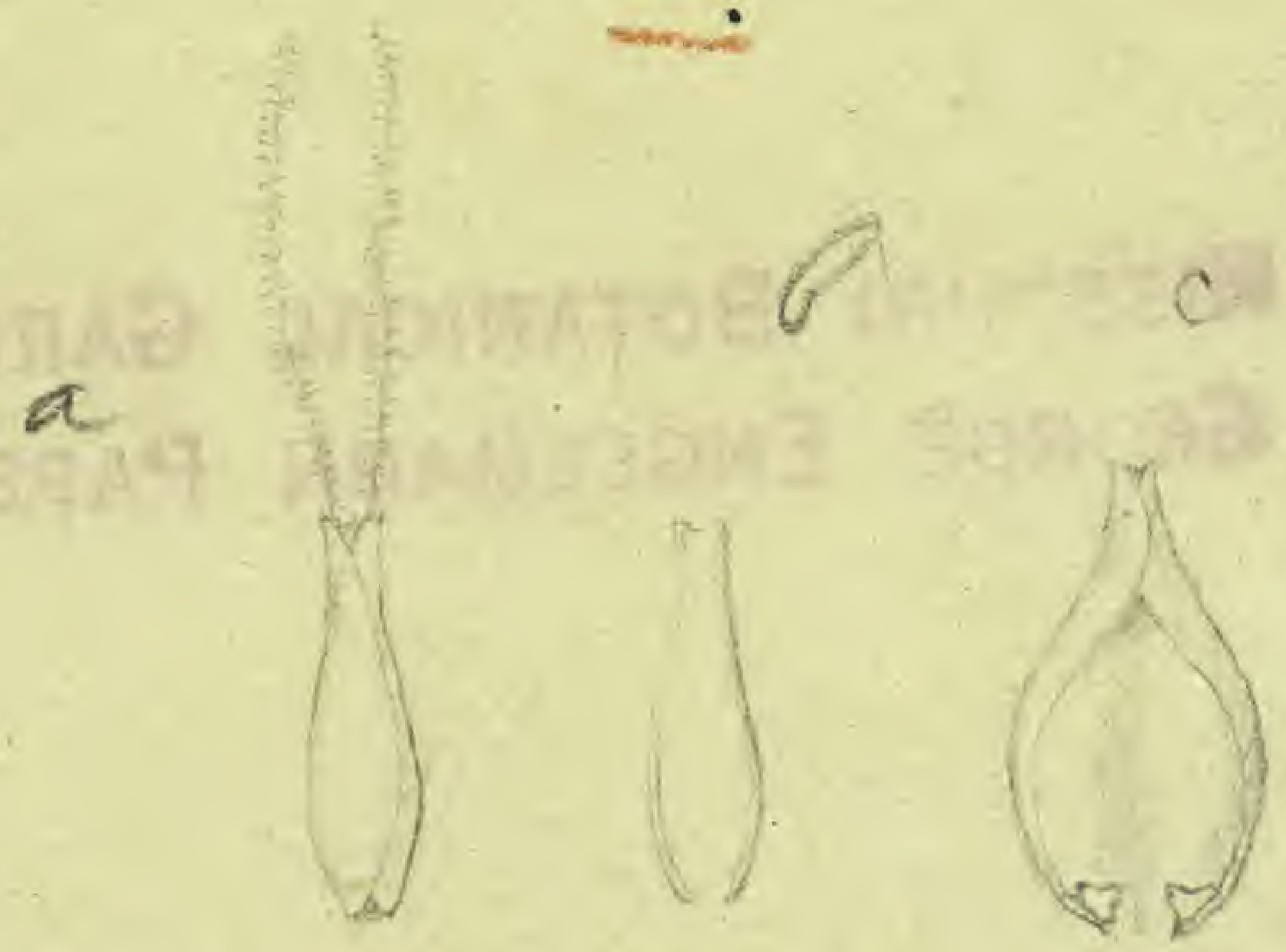

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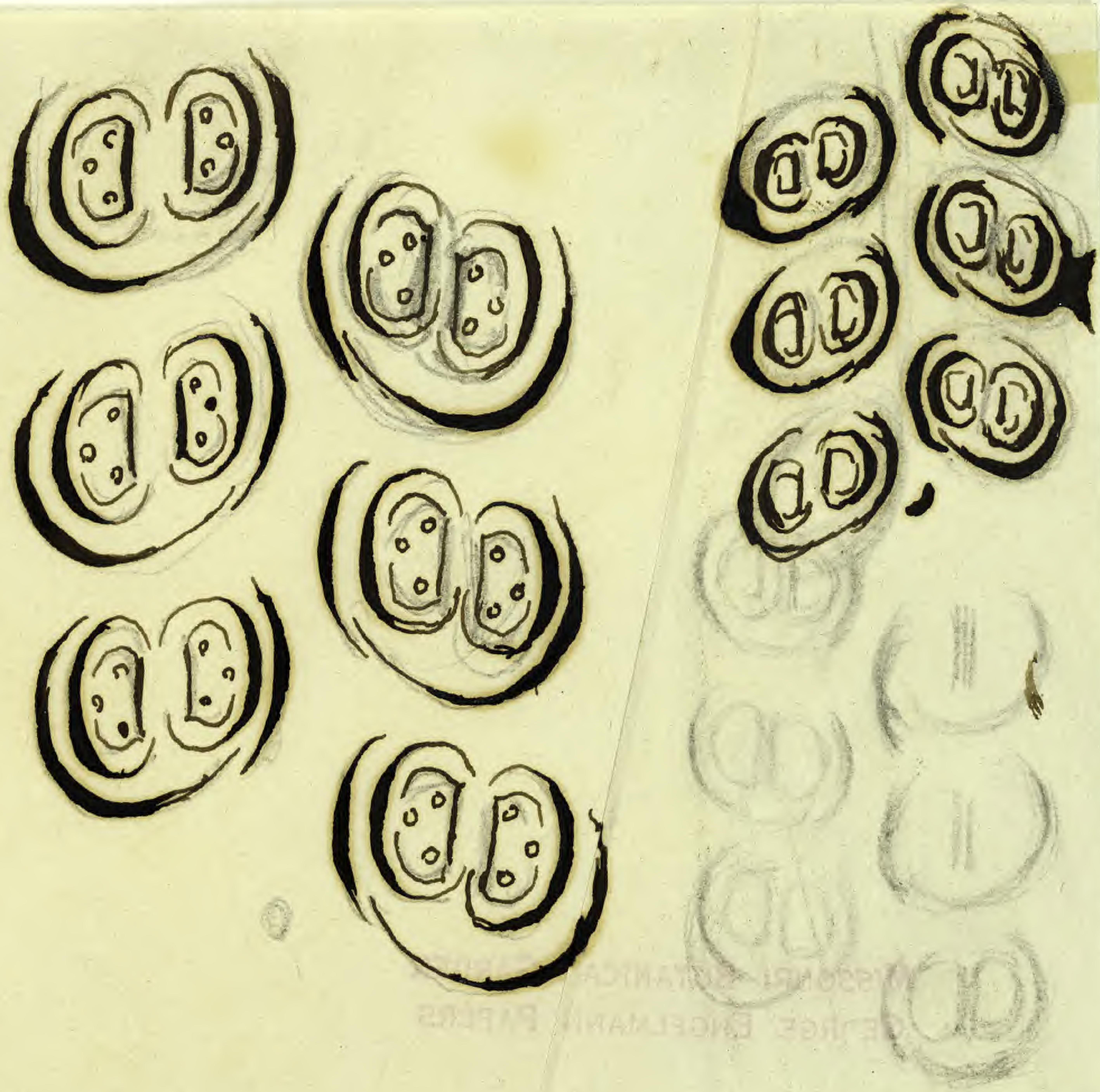

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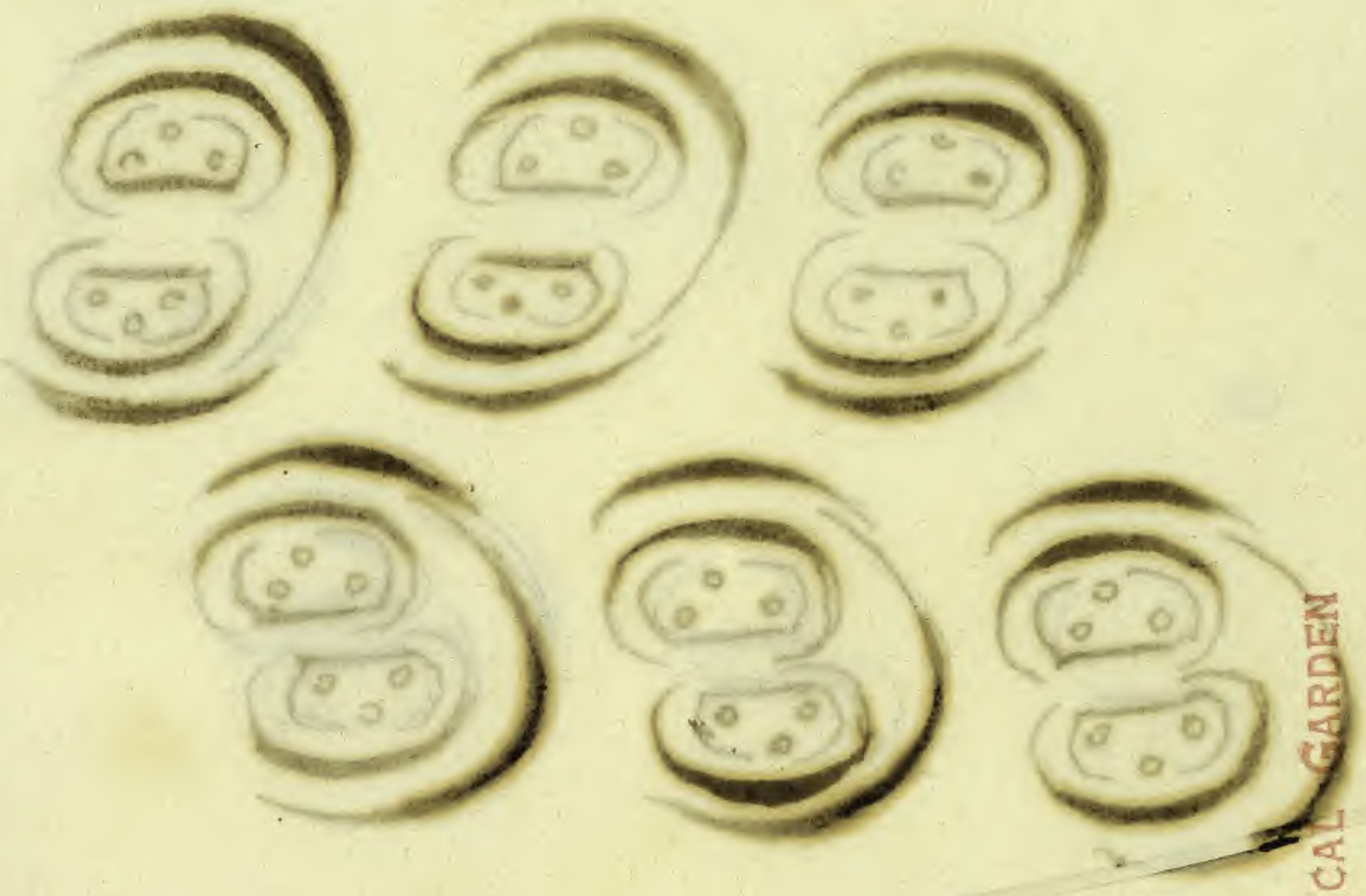

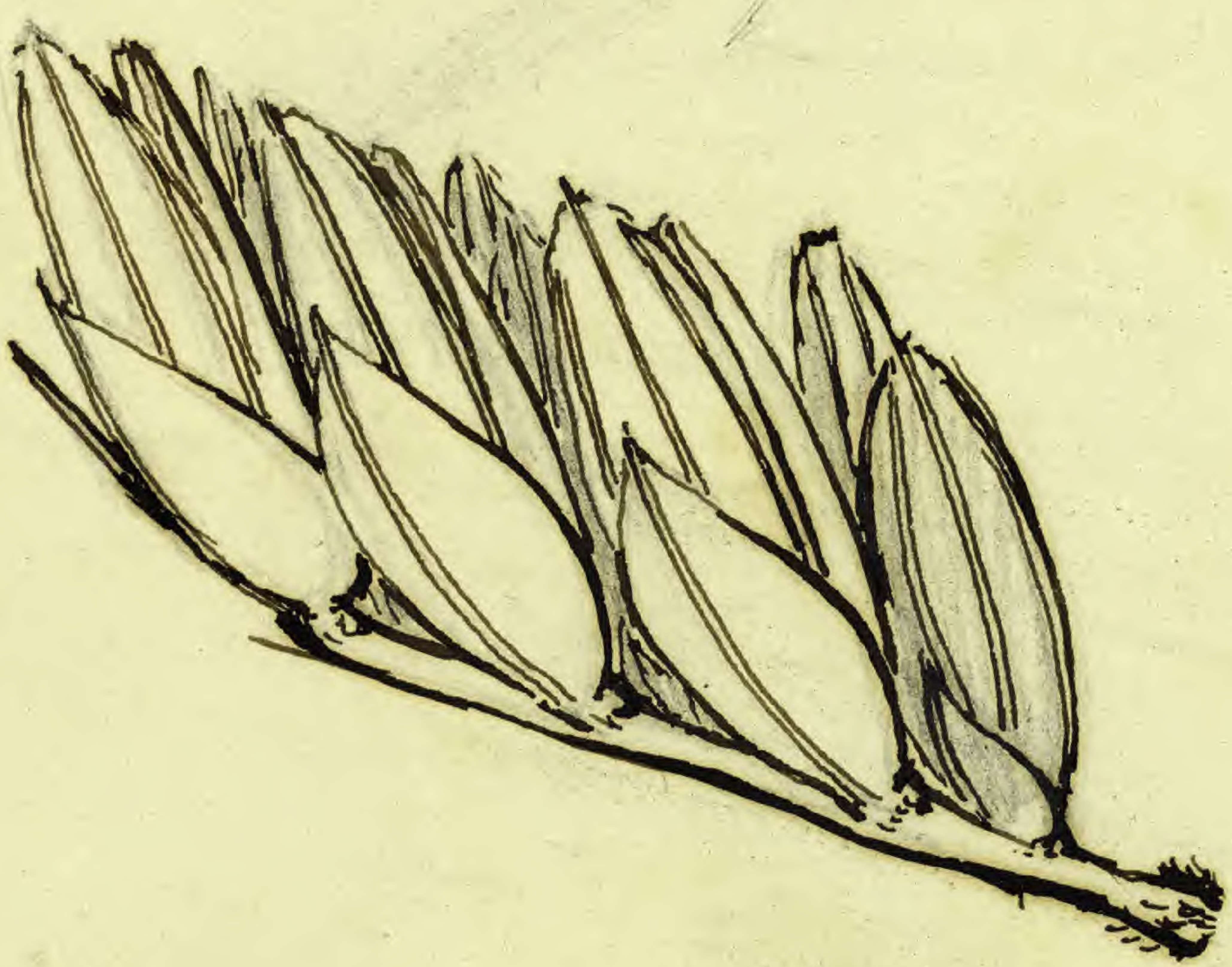

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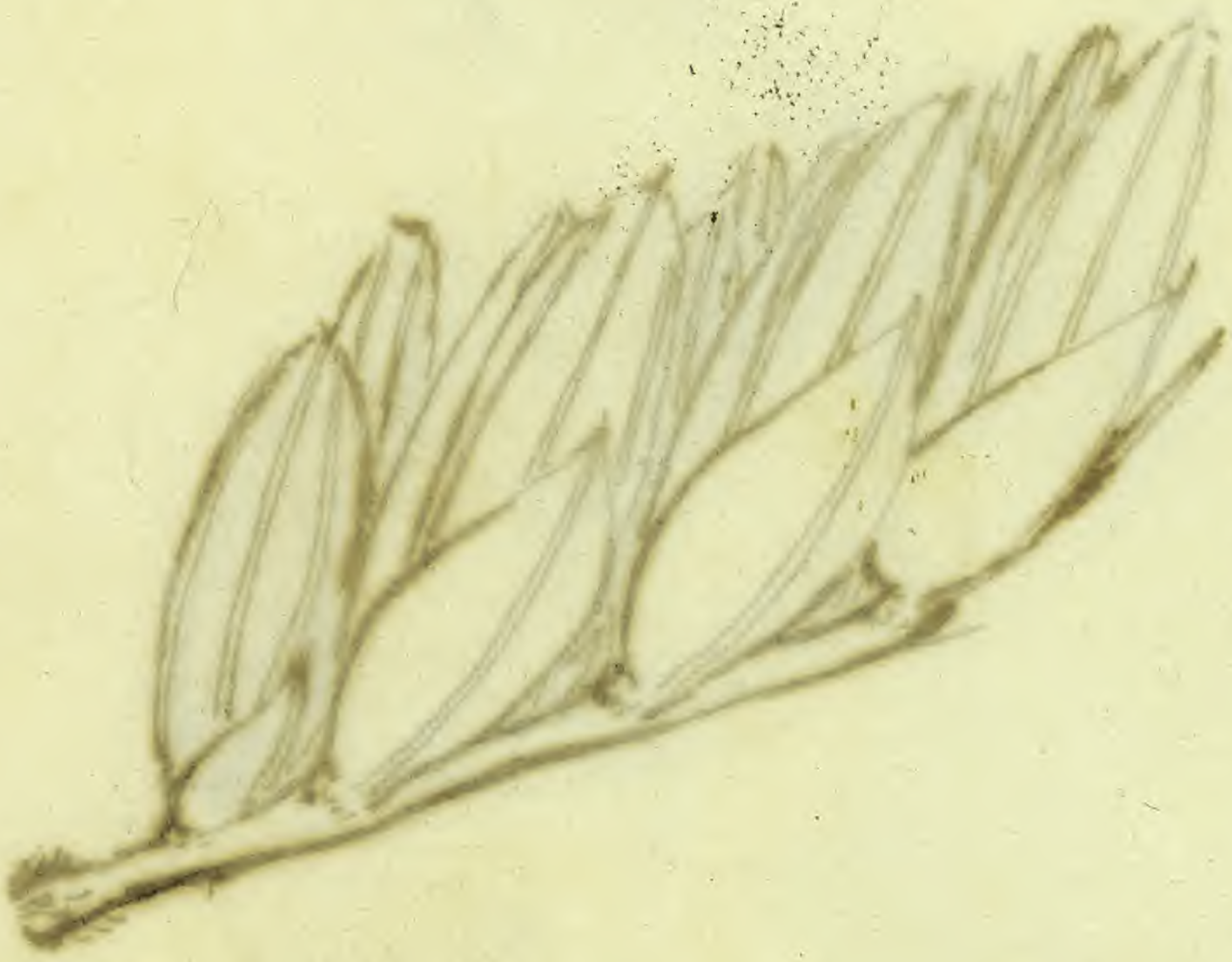

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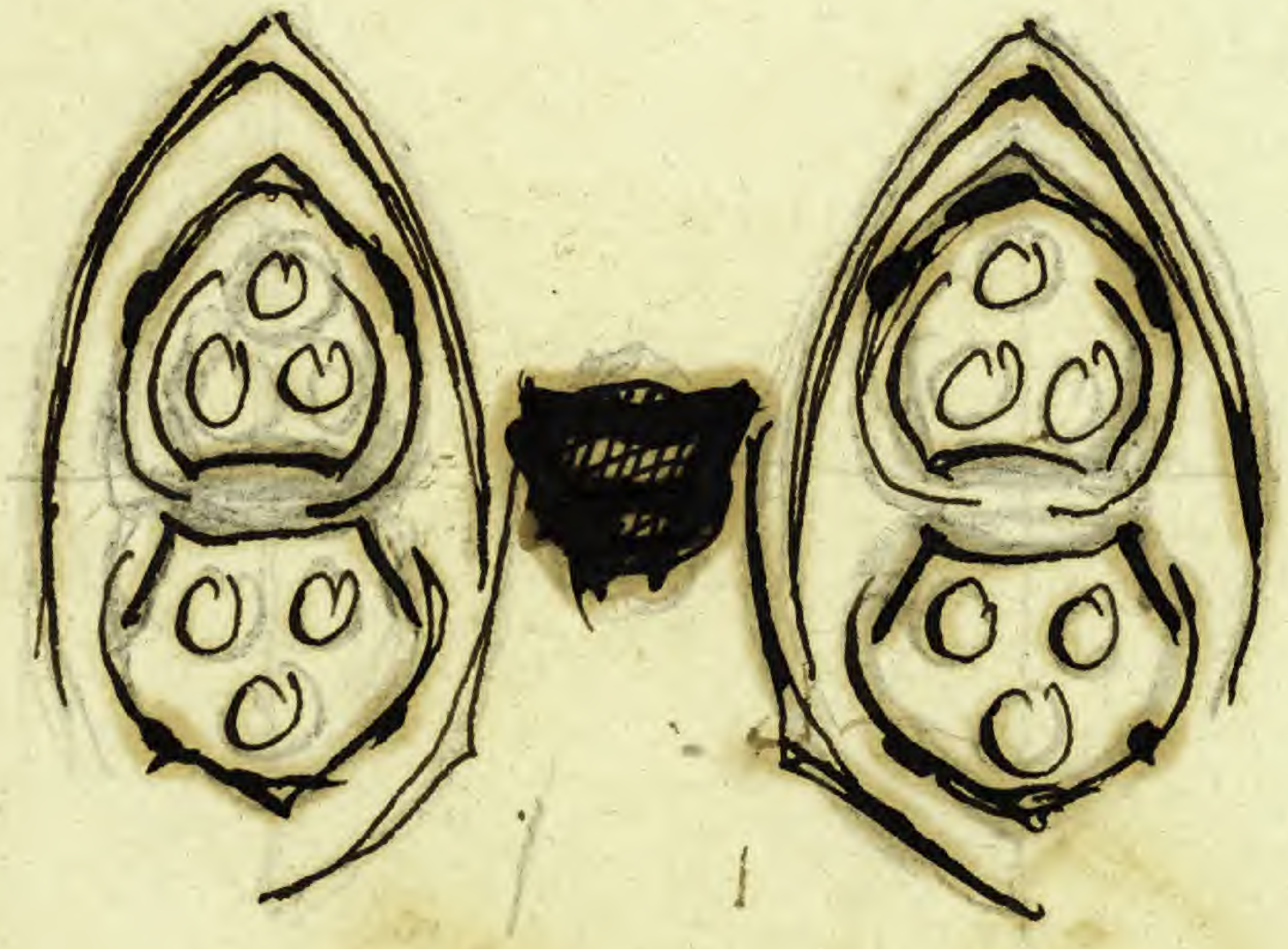
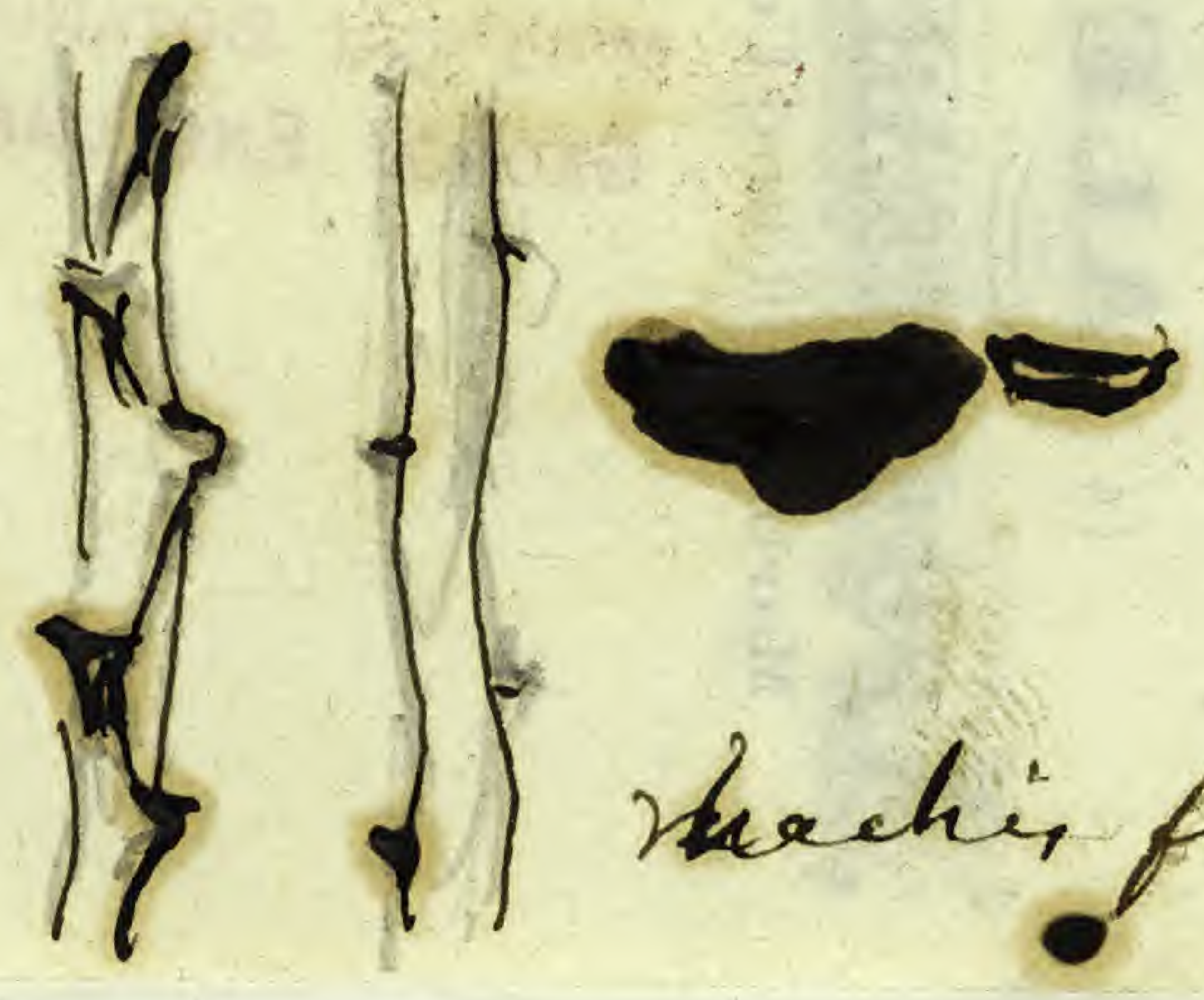
upper
side of spike



lower
side of spike



rachis flat

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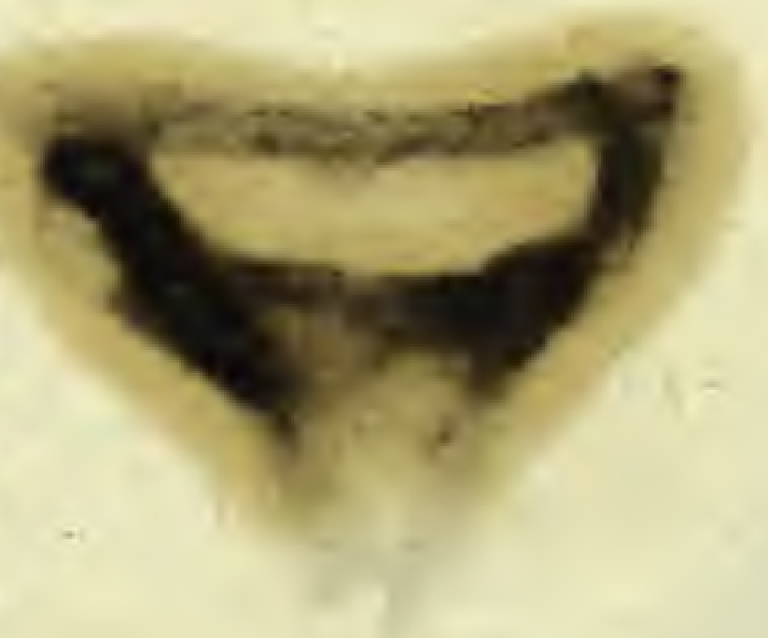
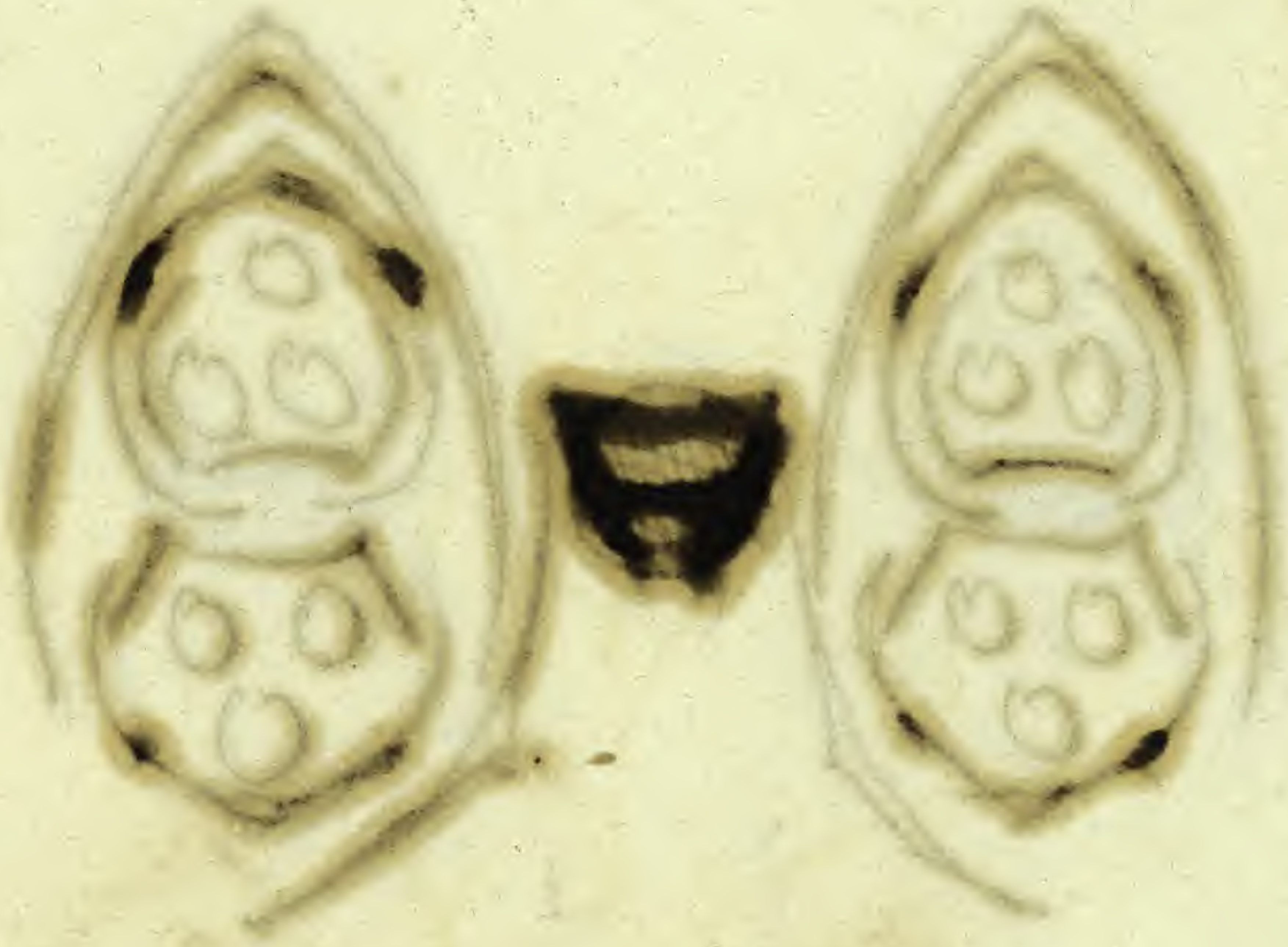
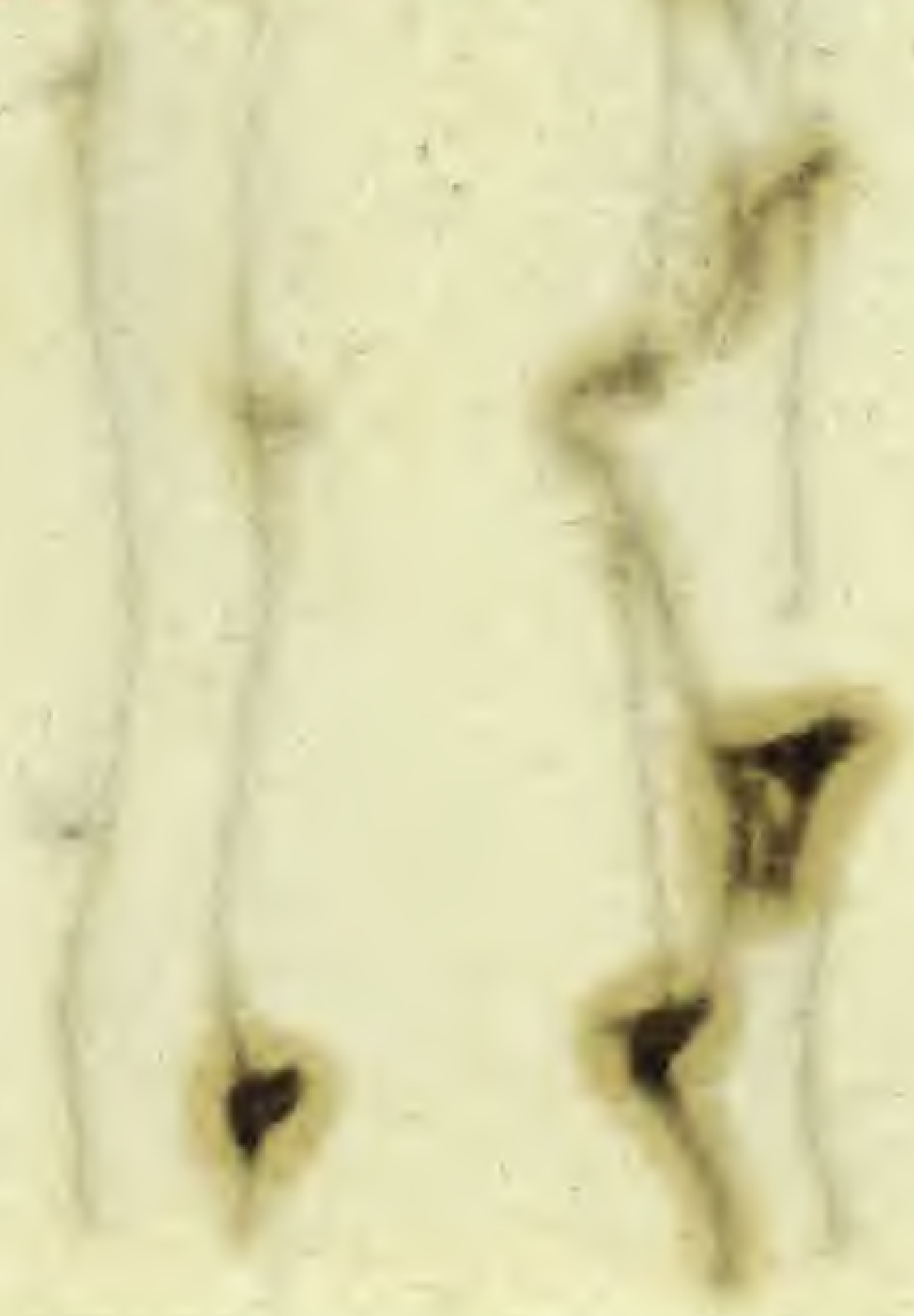
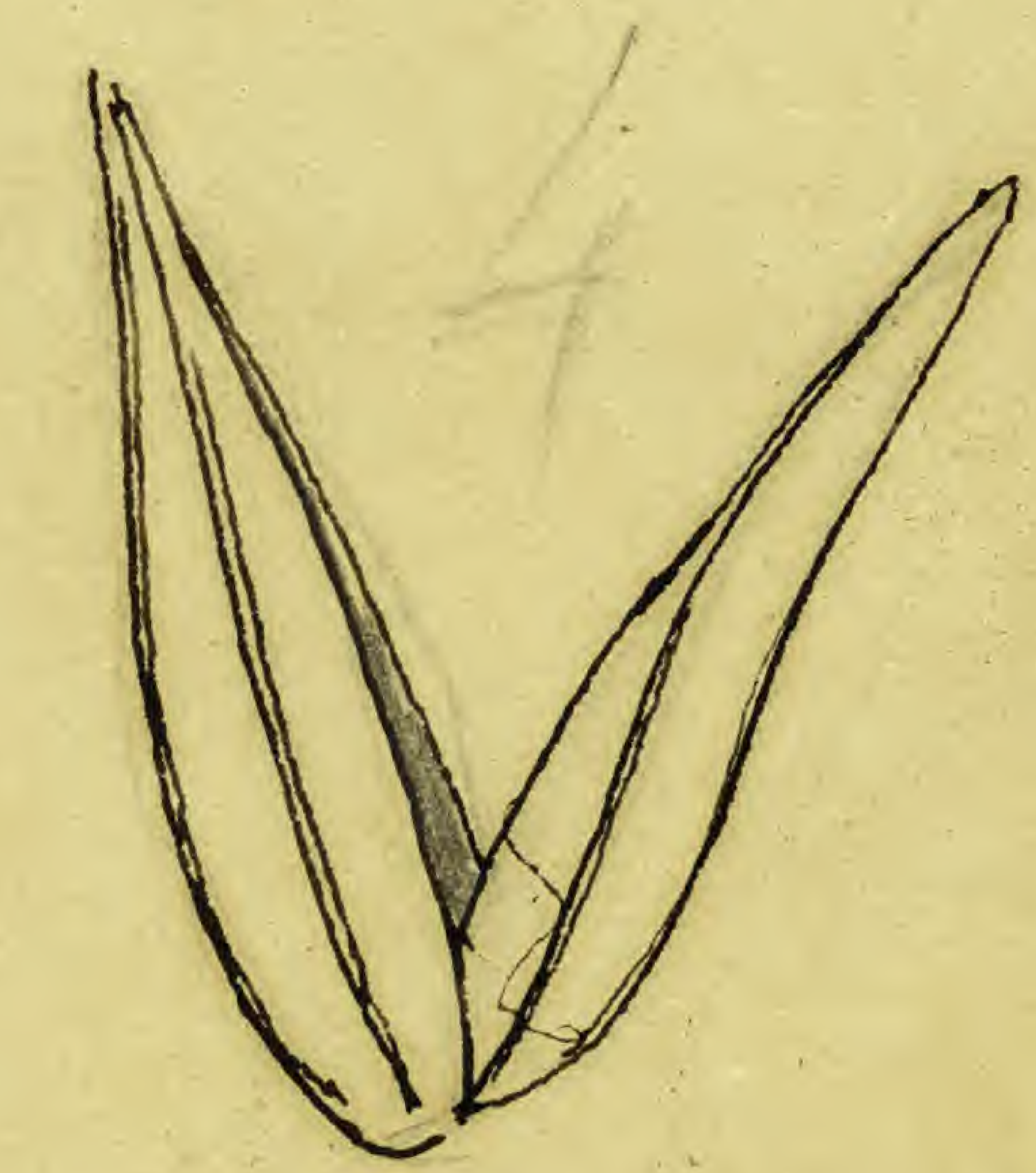


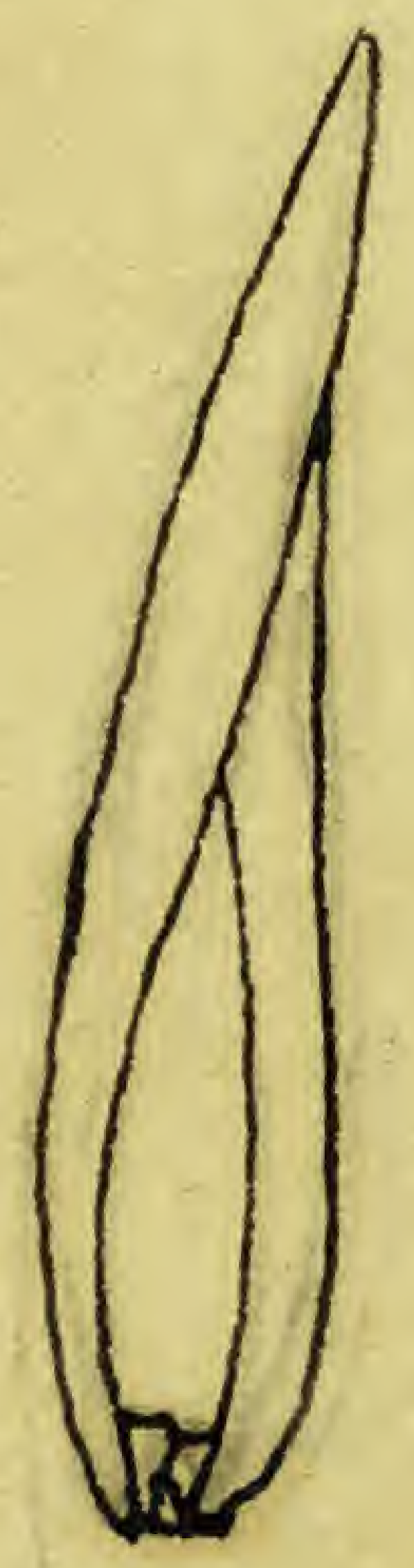




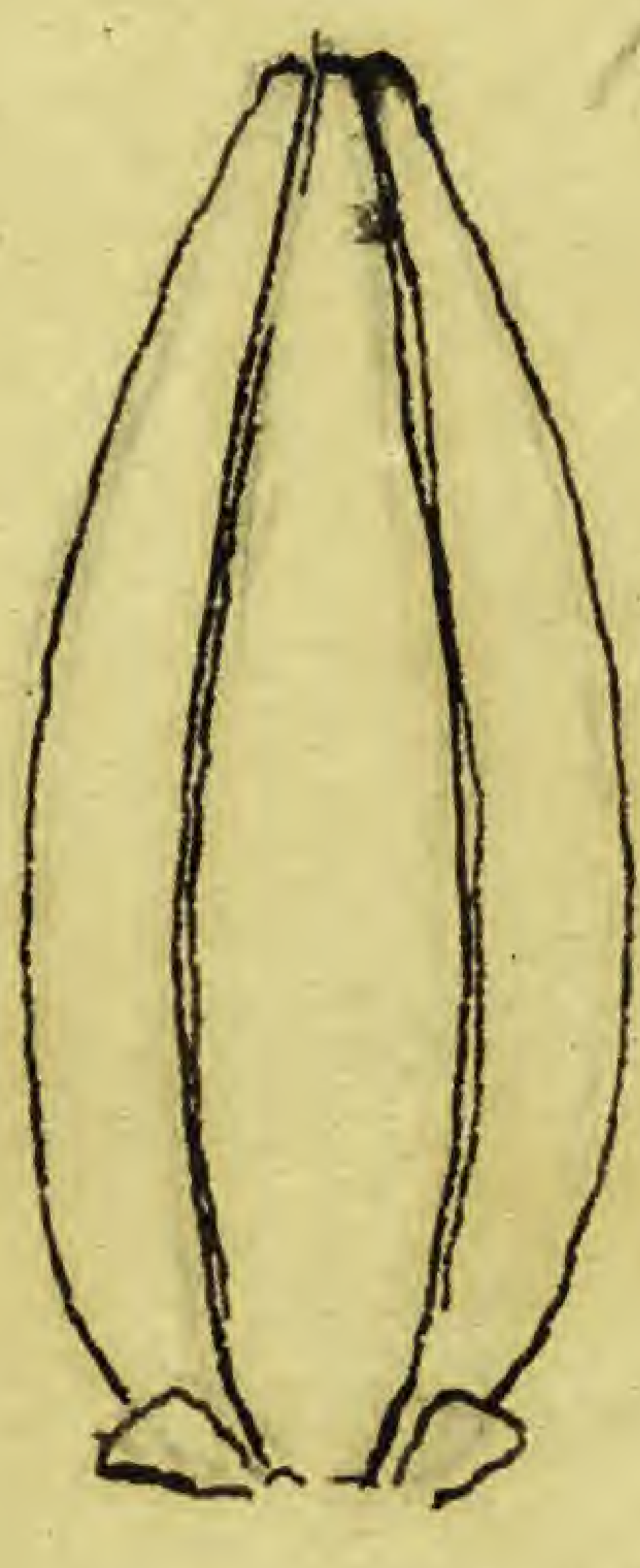
4 4 15 8



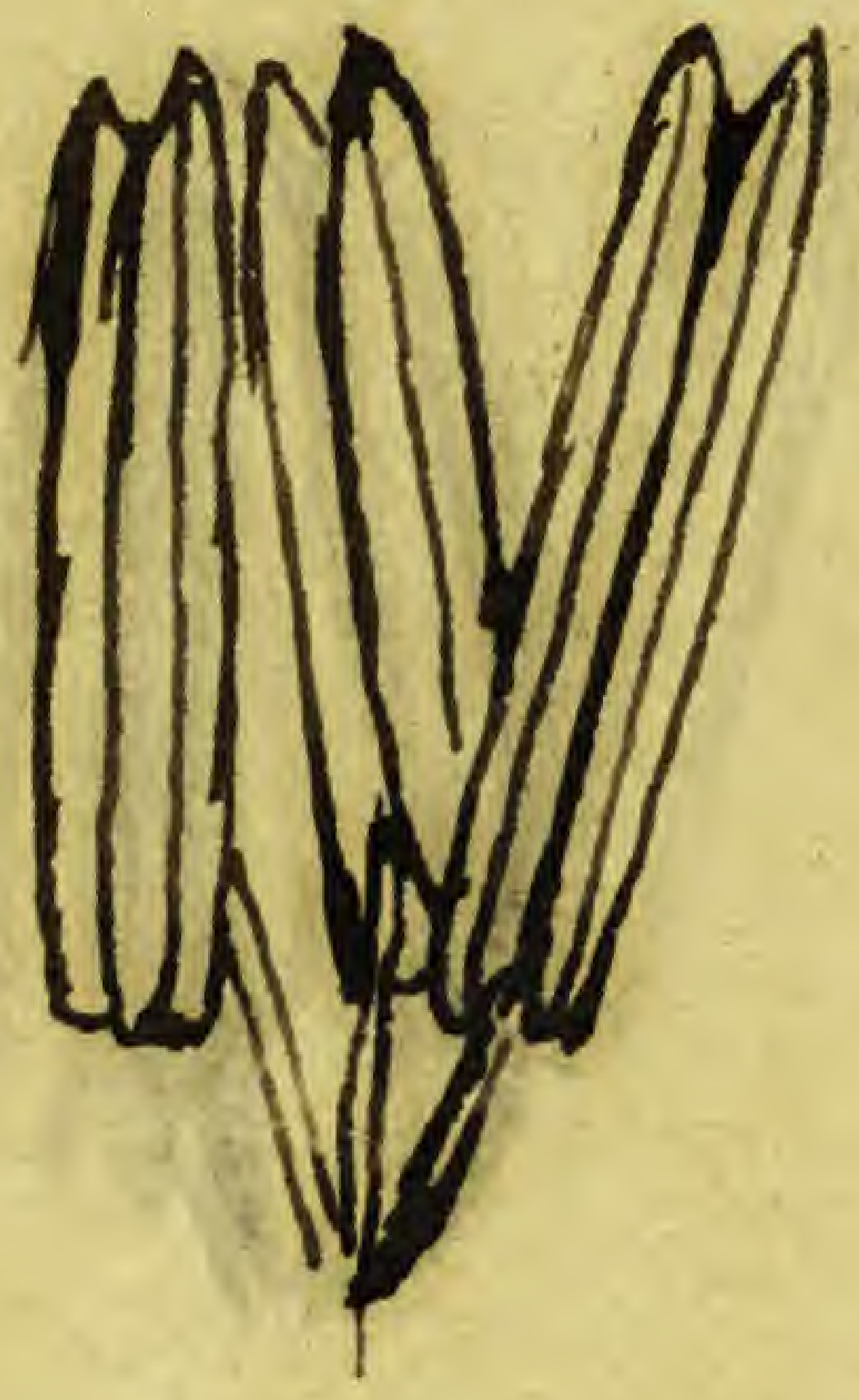
floret



upper palea



upper palea
laid open
from the inside



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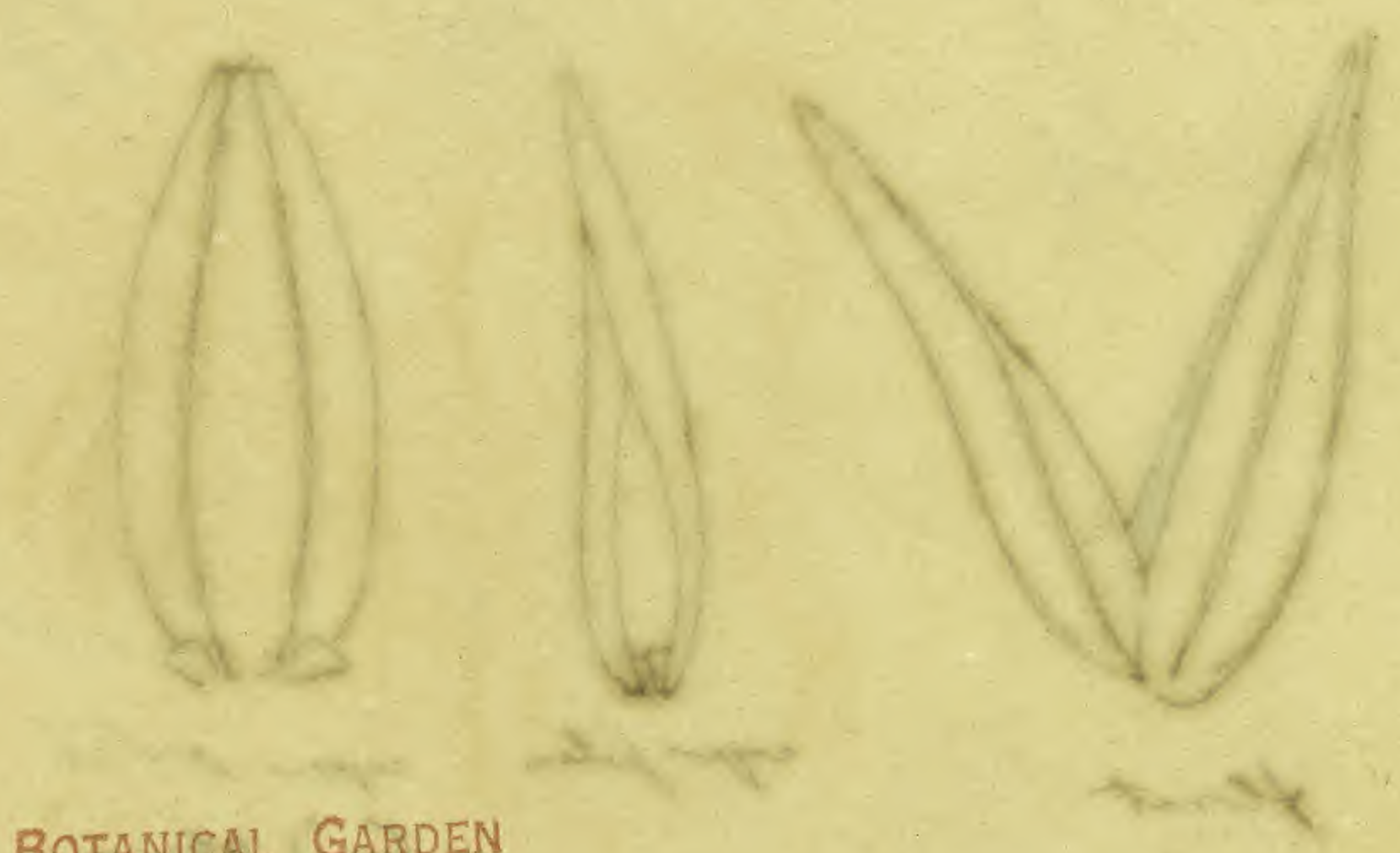

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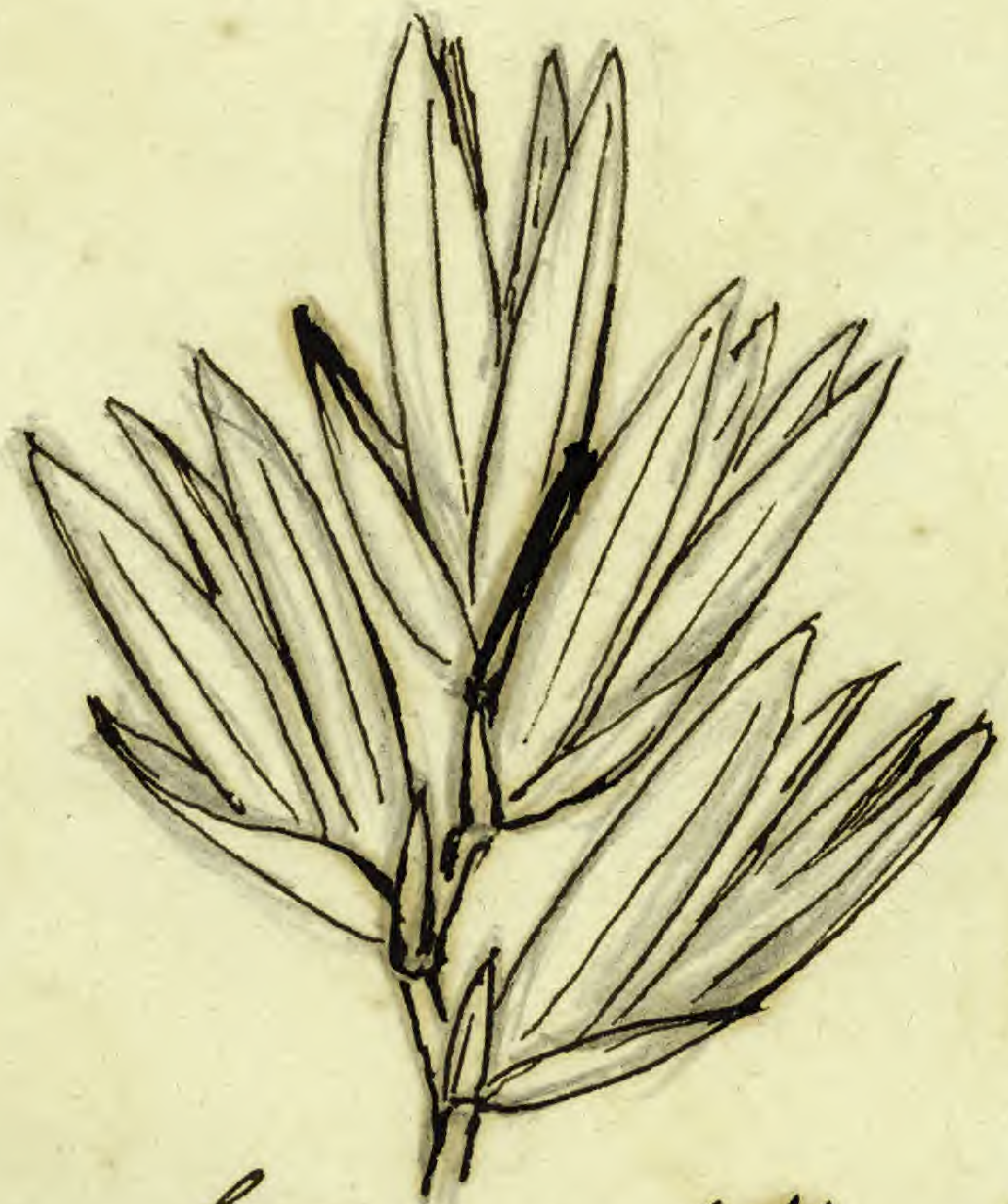
Buffalograss, Hayden

every upper flower has 3 unopened (stamin.) anthers the lower one (when there are 2) or the 2 lower ones (in 3) are empty.



lower ~~upp~~ side of the end of a spike

Lower glume is seen more distinctly from their ~~upper~~ side, but upper larger glume, from ~~below~~ above

10301

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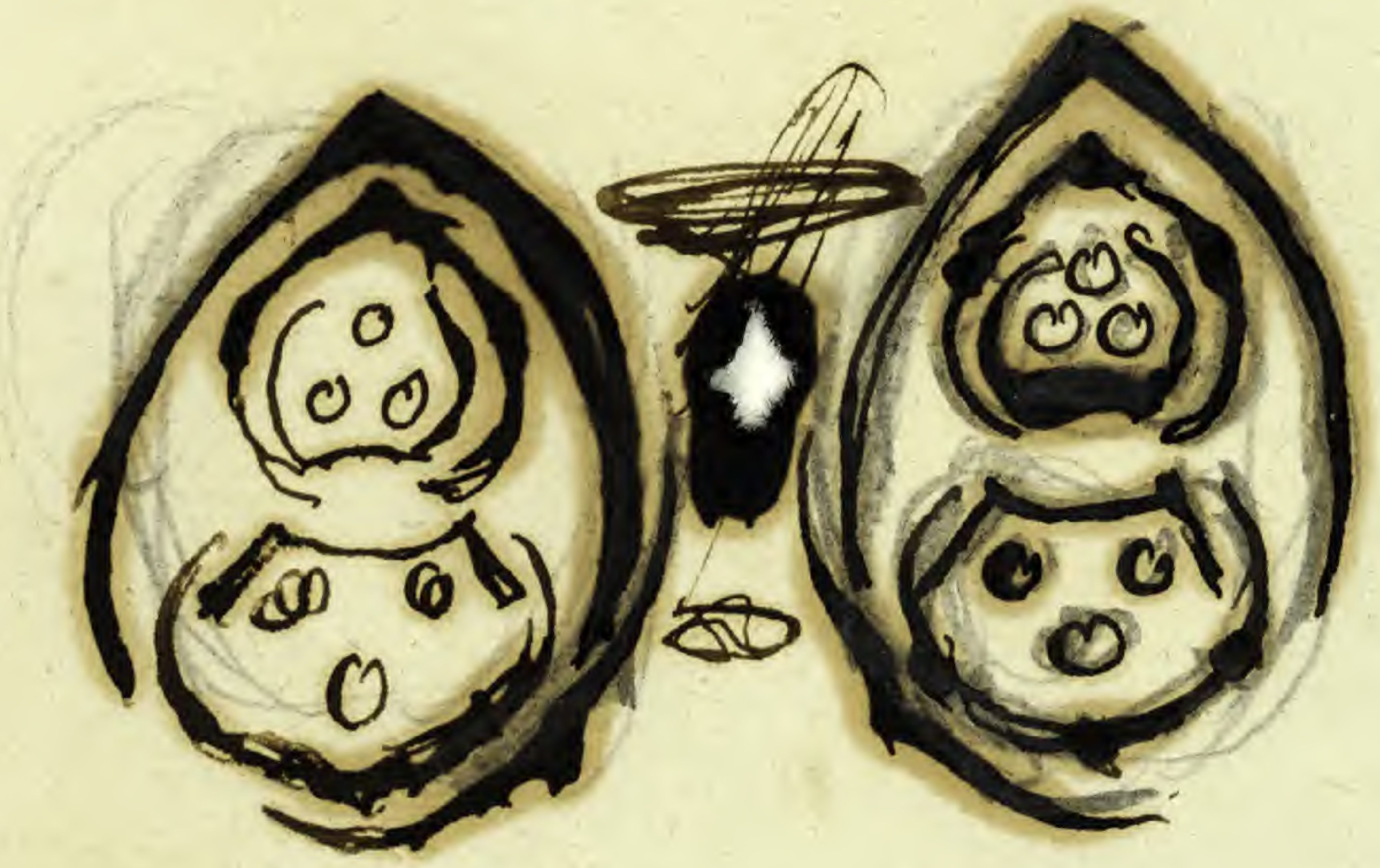
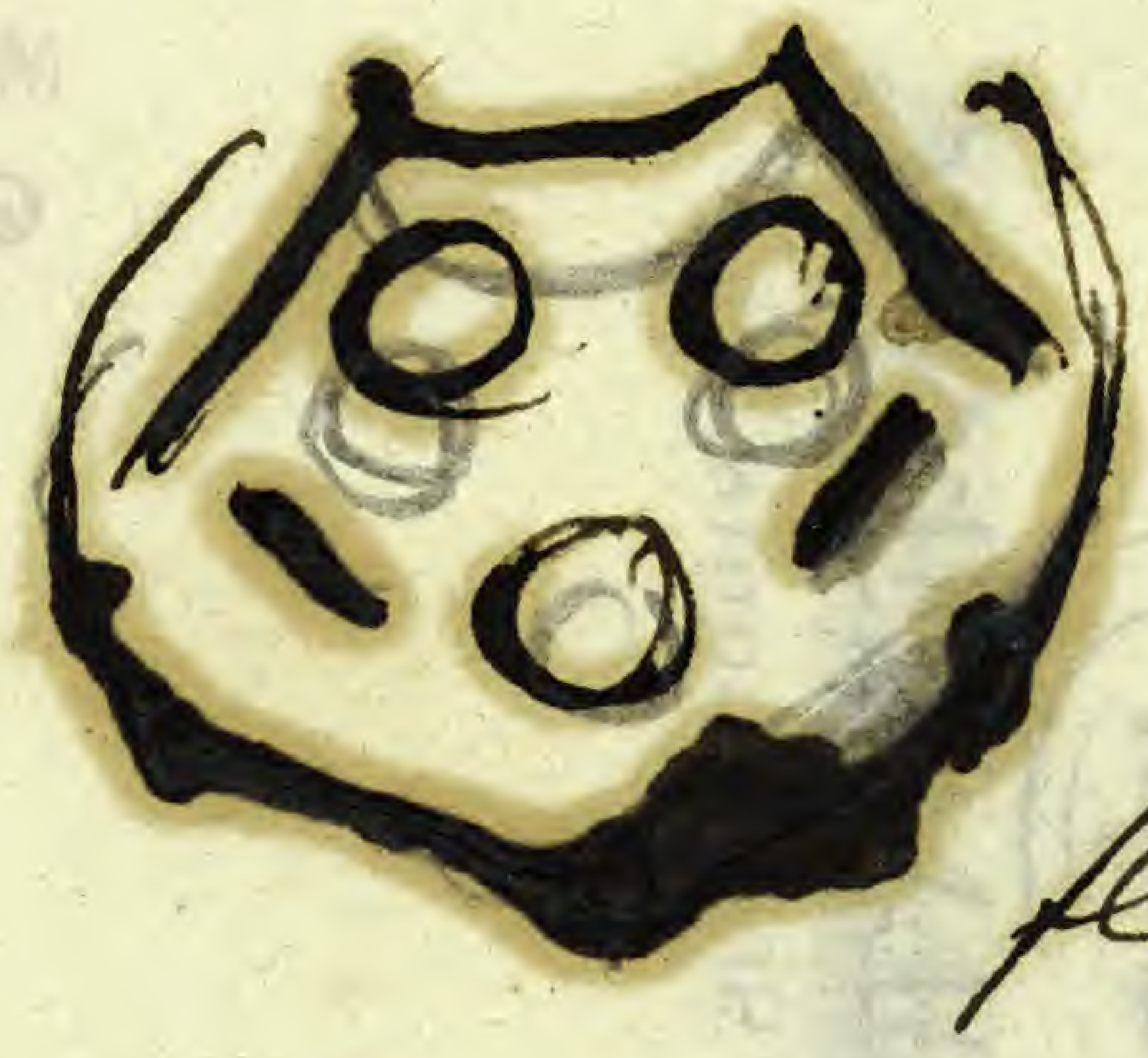
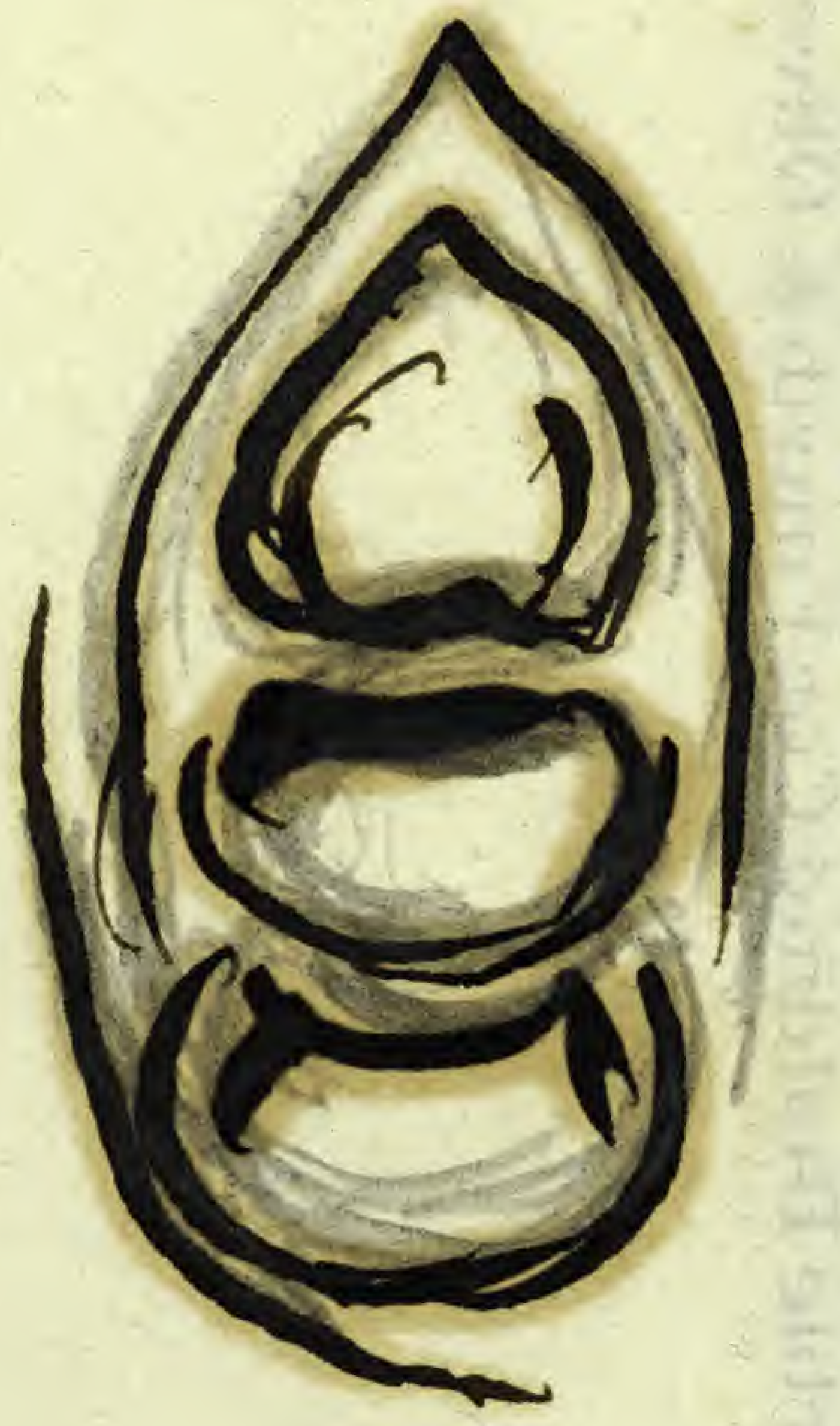
Buffalo





floret



3 flowered spikelet

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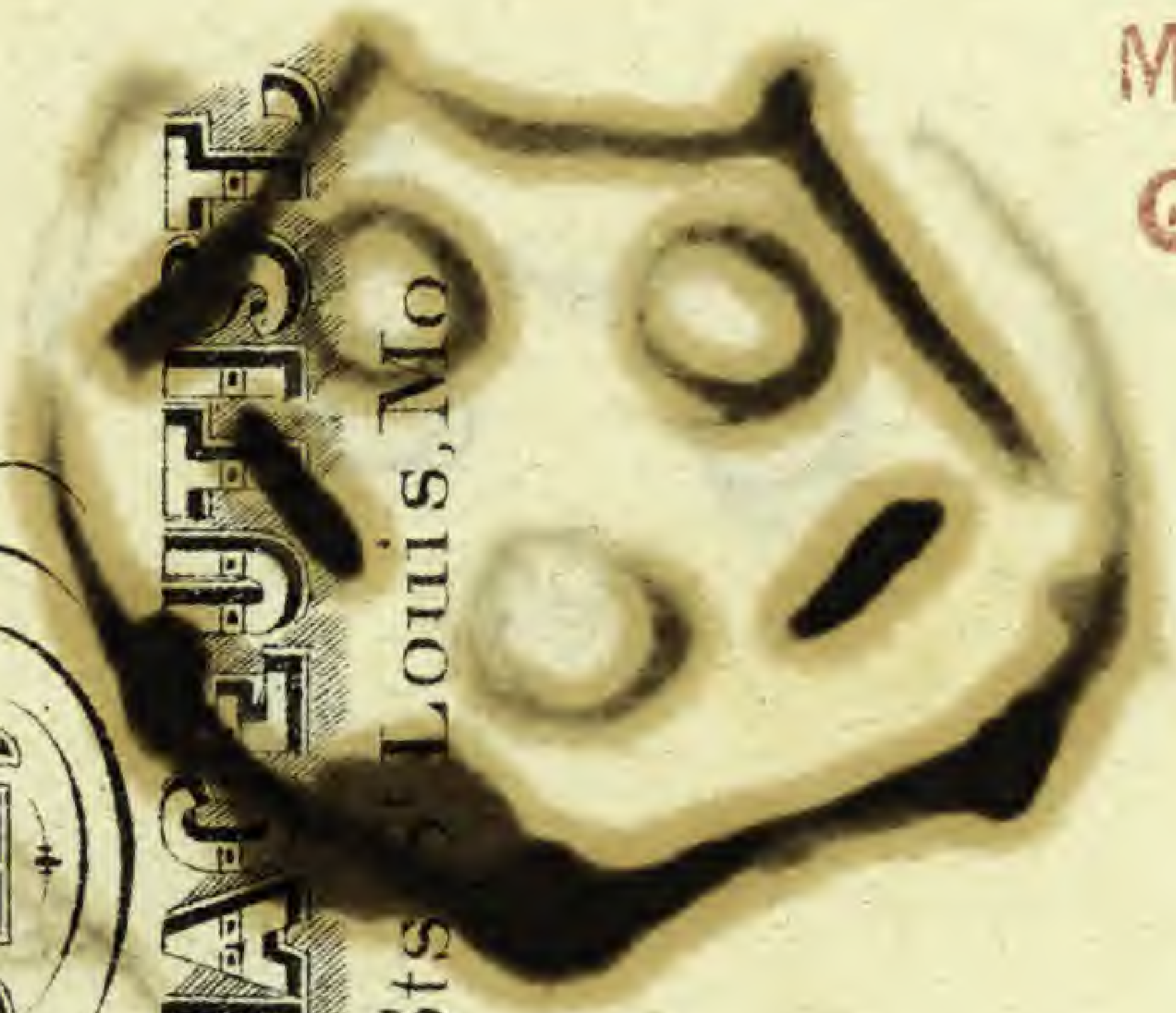

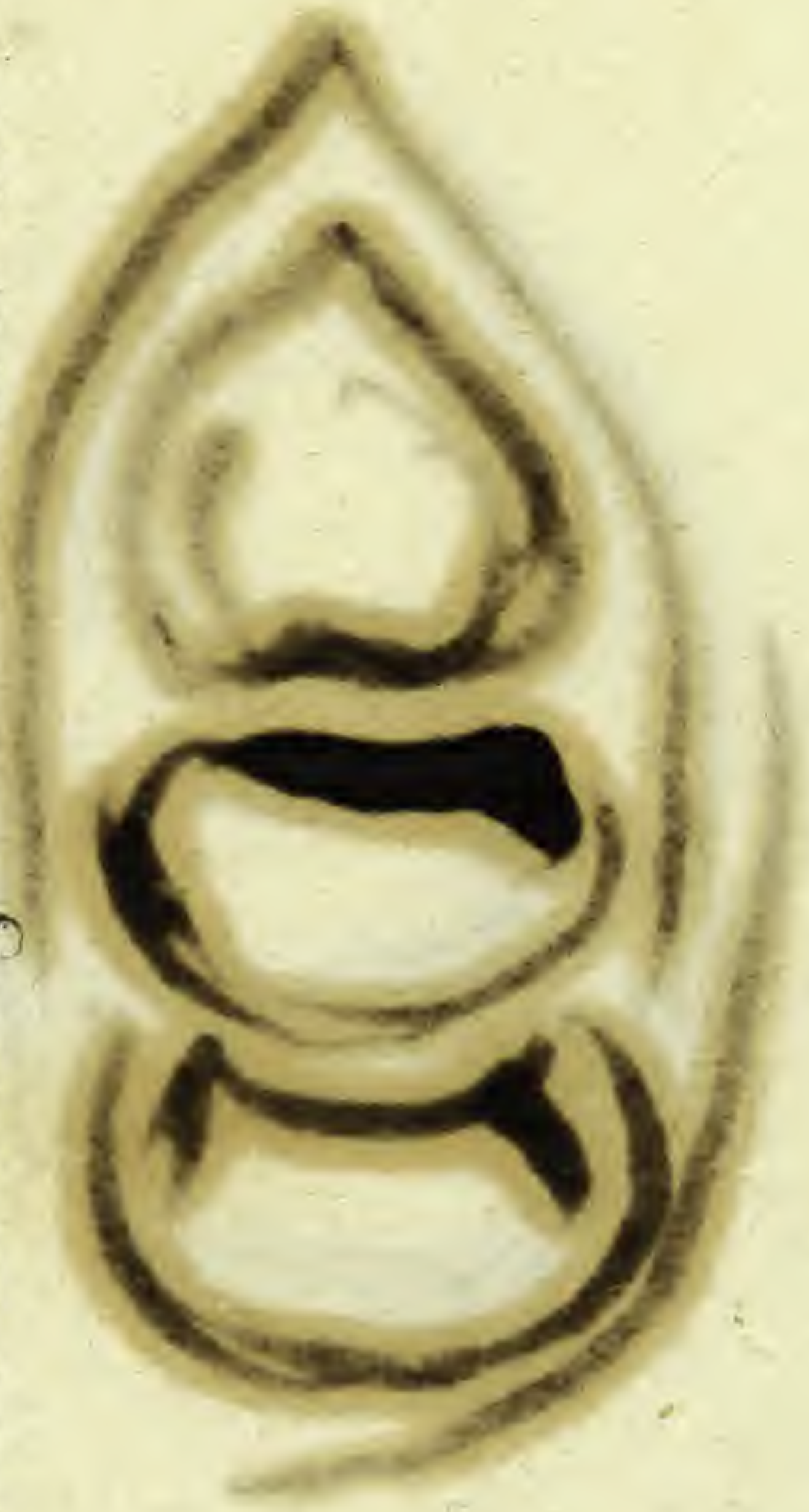

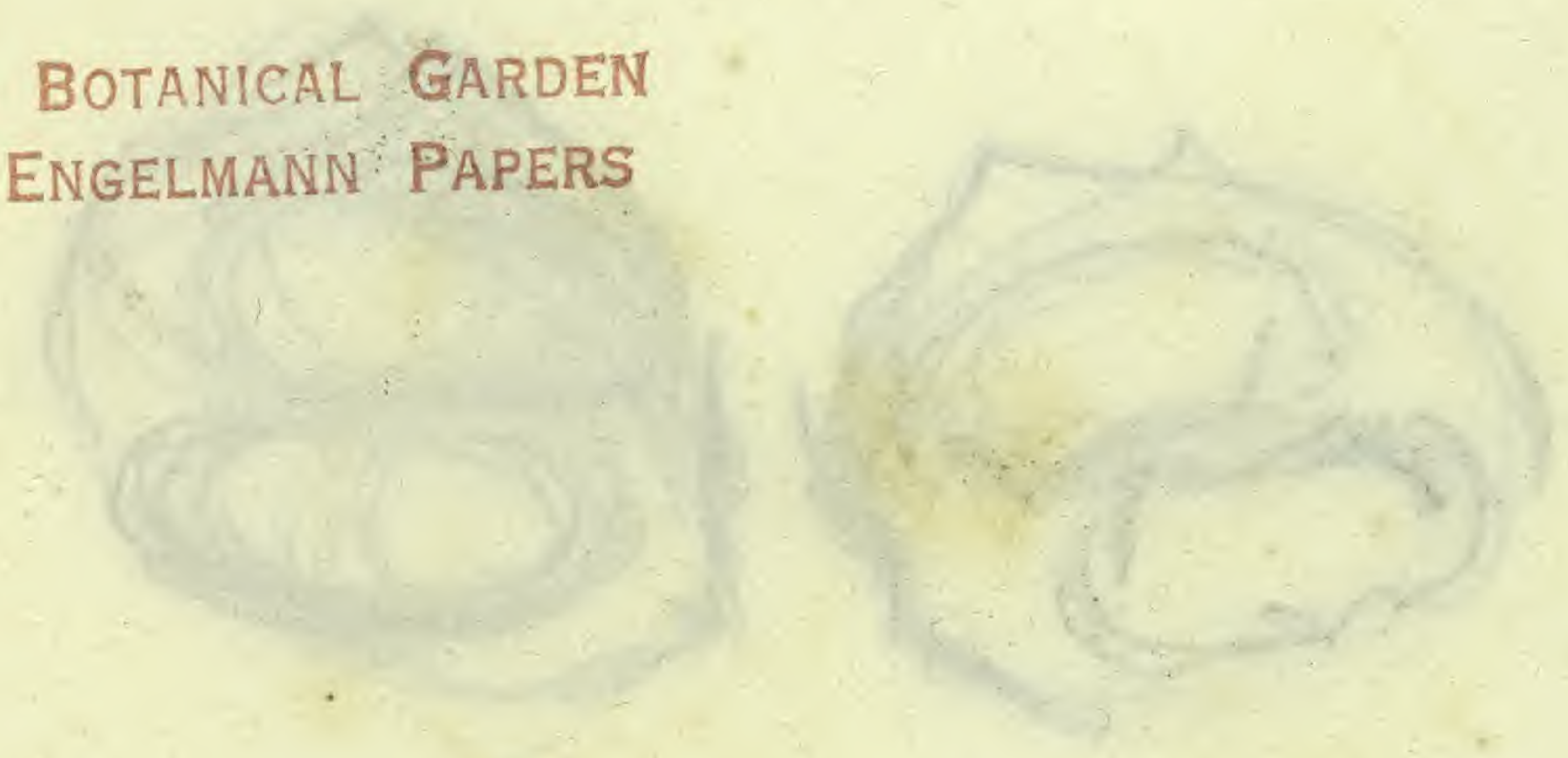

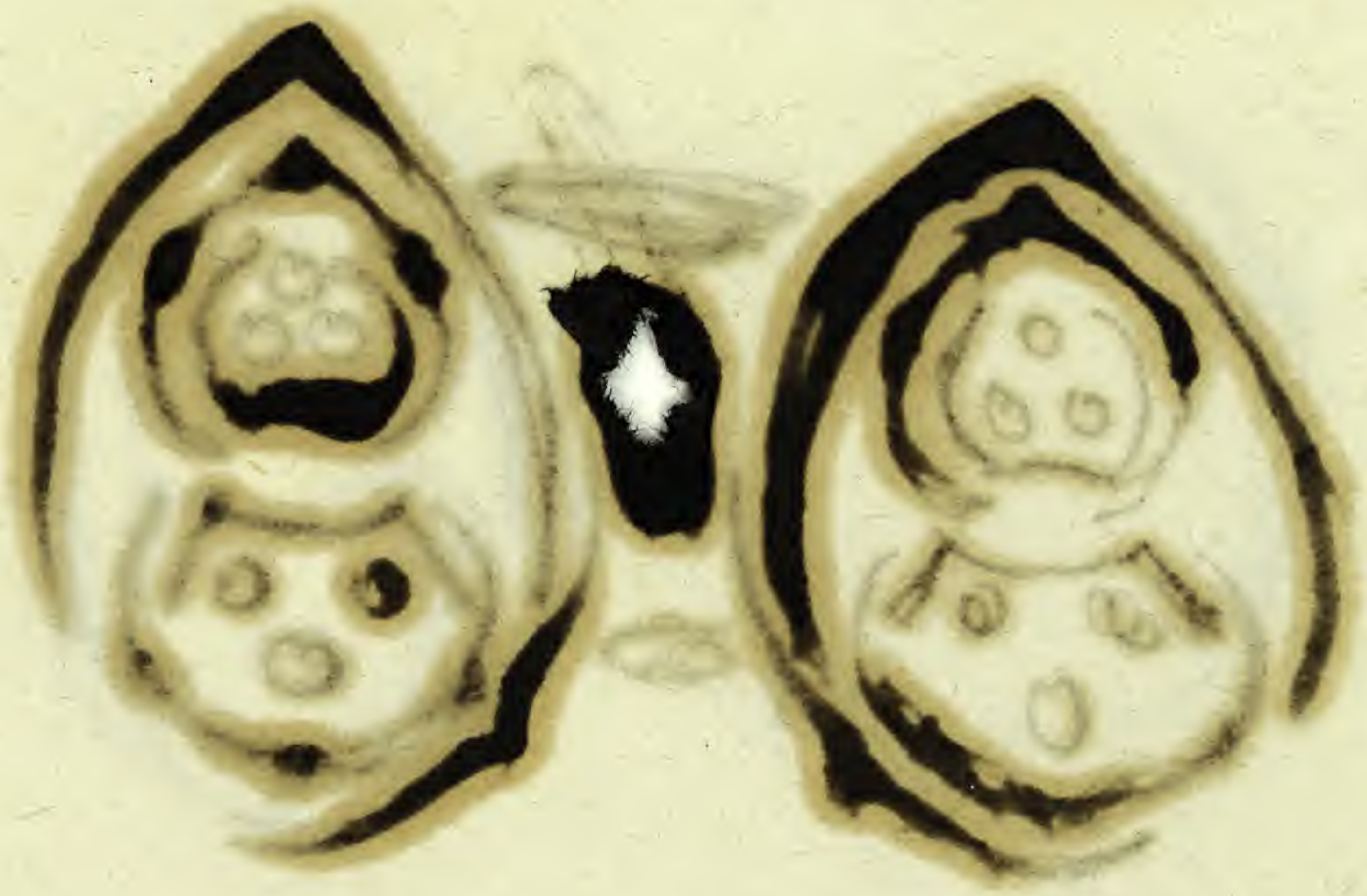

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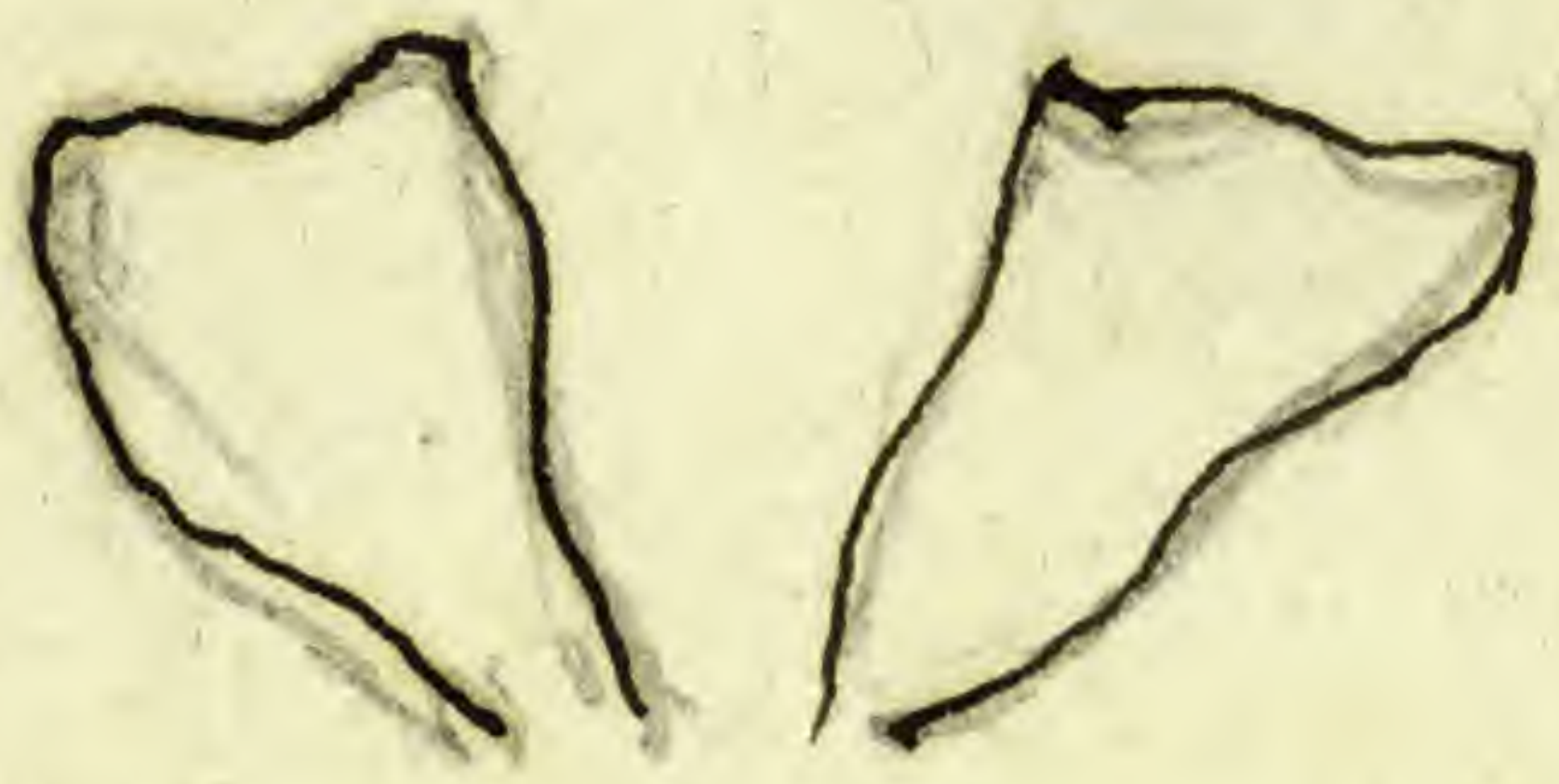
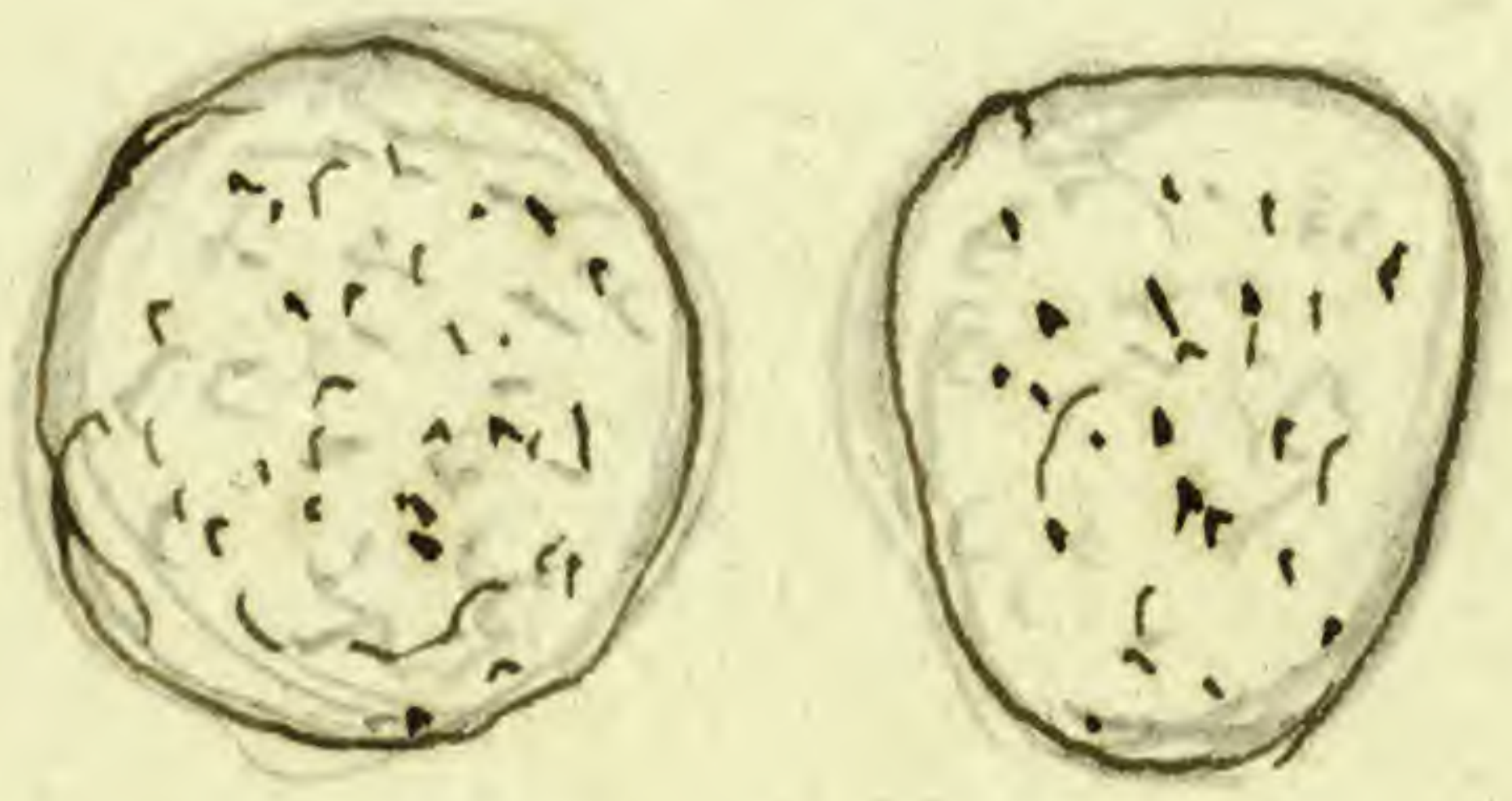
Buffalo



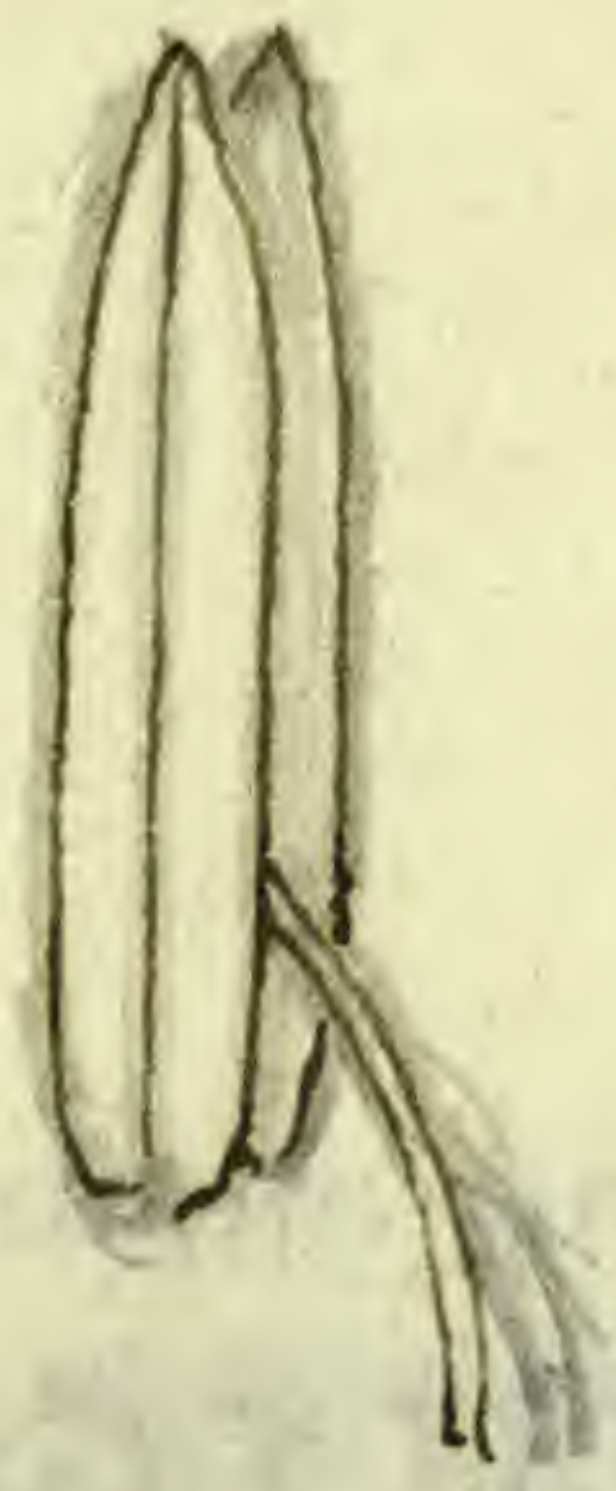
scales of ♂ fl.



moistened from dry plant
Pollen grain 7 lines in
diameter with 412
magn. power —
therefore = 0,017 of a line in diameter
form irregularly globose

7/412 | 700 | 0,017
412
2880

5



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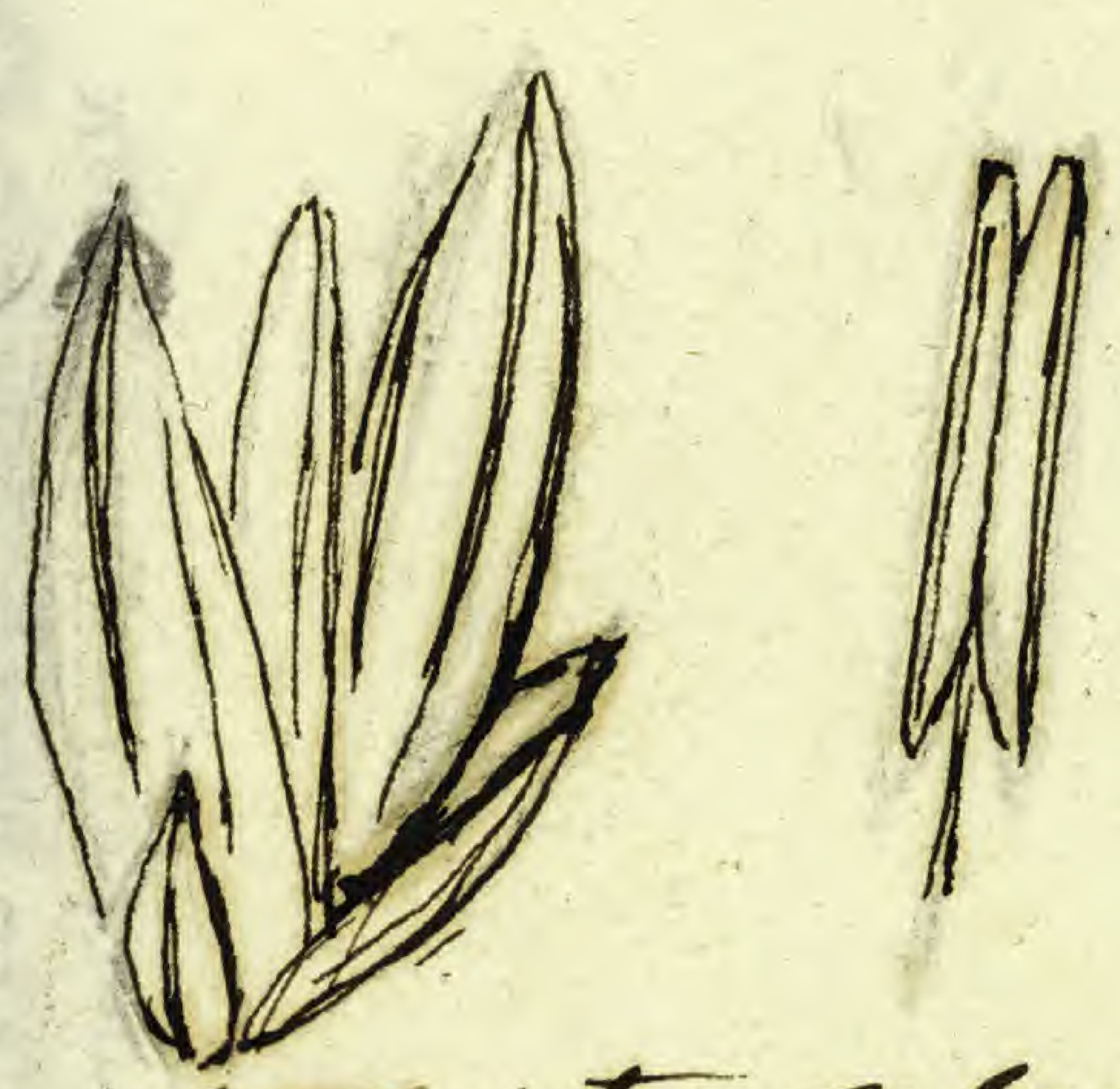
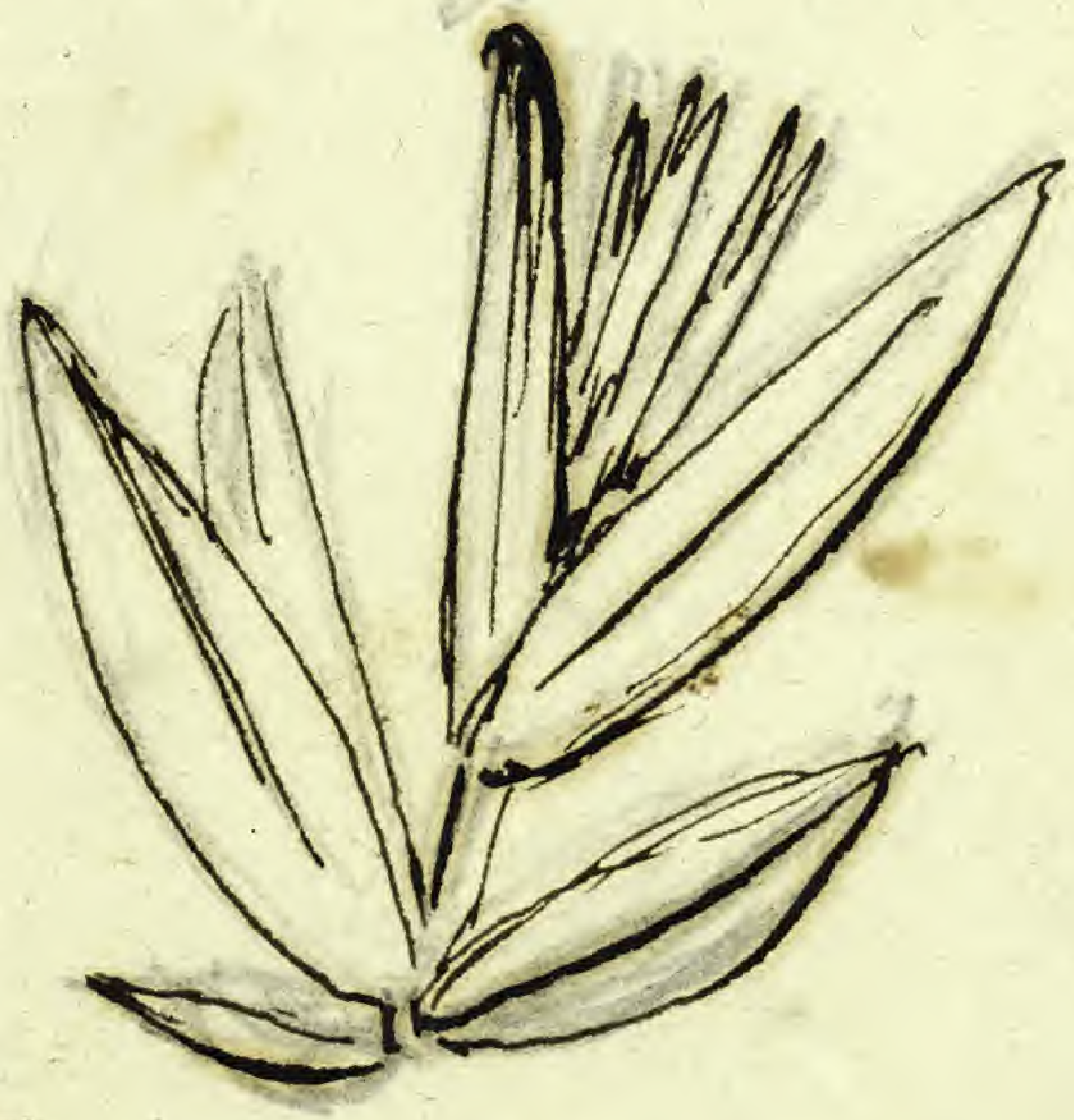
10303

Buffalo

N Buffalo 5

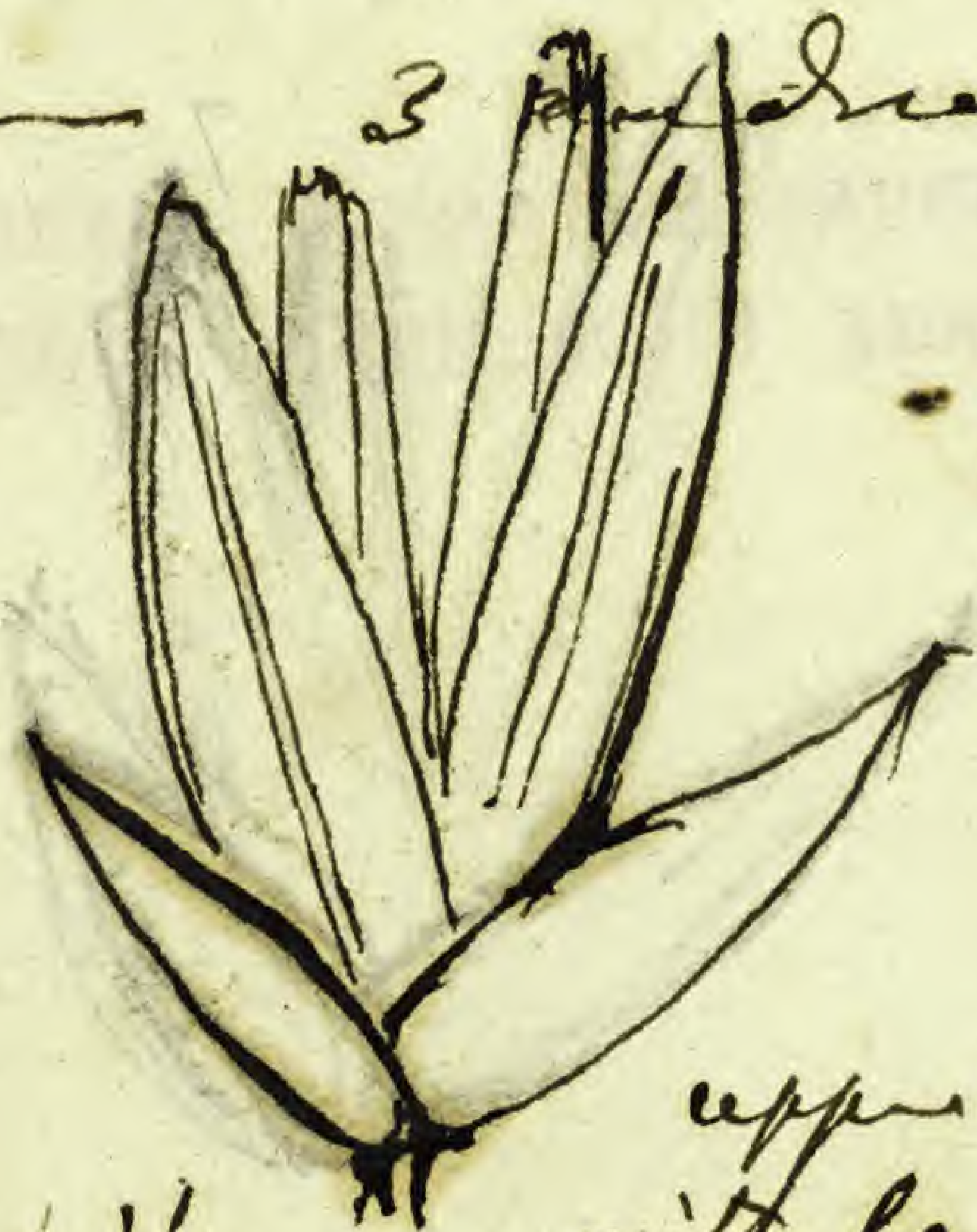
2





spiculae binatae subsessiles
glumae inaequales 1 nerviae
fl. inferior stachis vacuus sterilis
superior 3 andrus, masculus

3



of spike

uppermost spikelet
with larger ext. glume

10304

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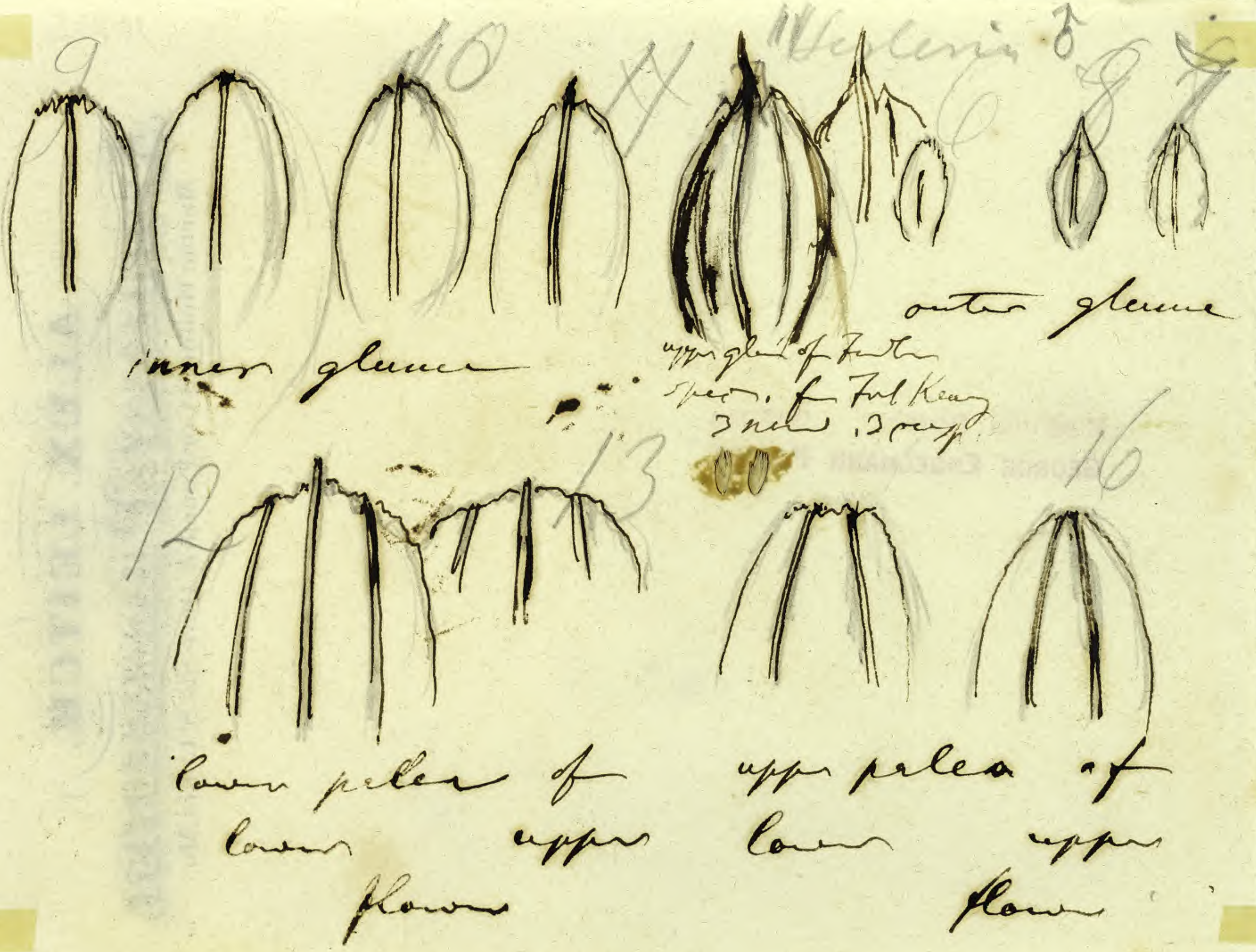
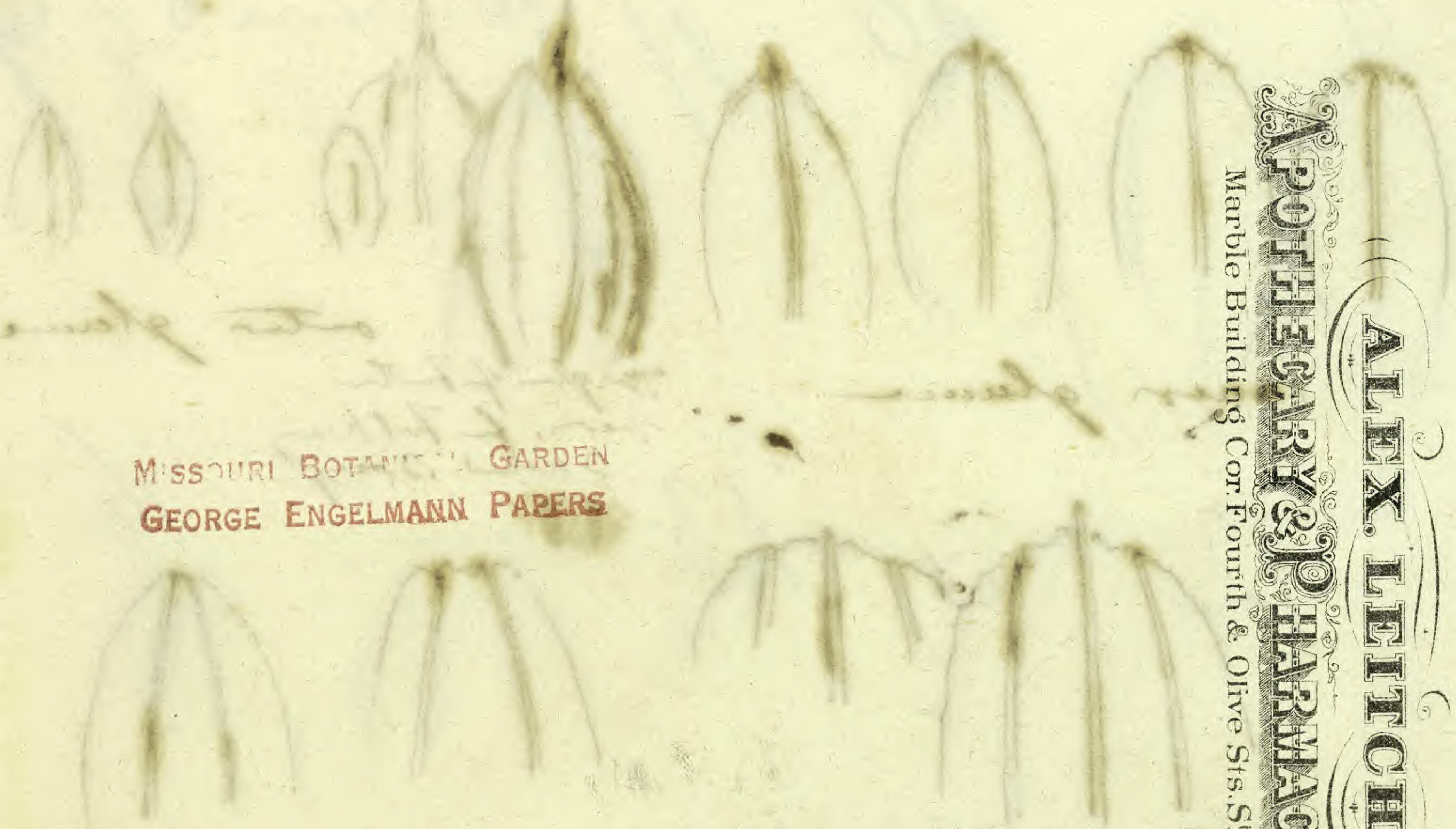
9
10
11
Wislizeni ♂
6
8
7
inner glume
outer glume
upper glum of Fendler
spec. f. Fort Kearny
3 nerved, 3 nerv.
12
13
16
lower palea of
lower upper
flower
upper palea of
lower upper
flower

10305



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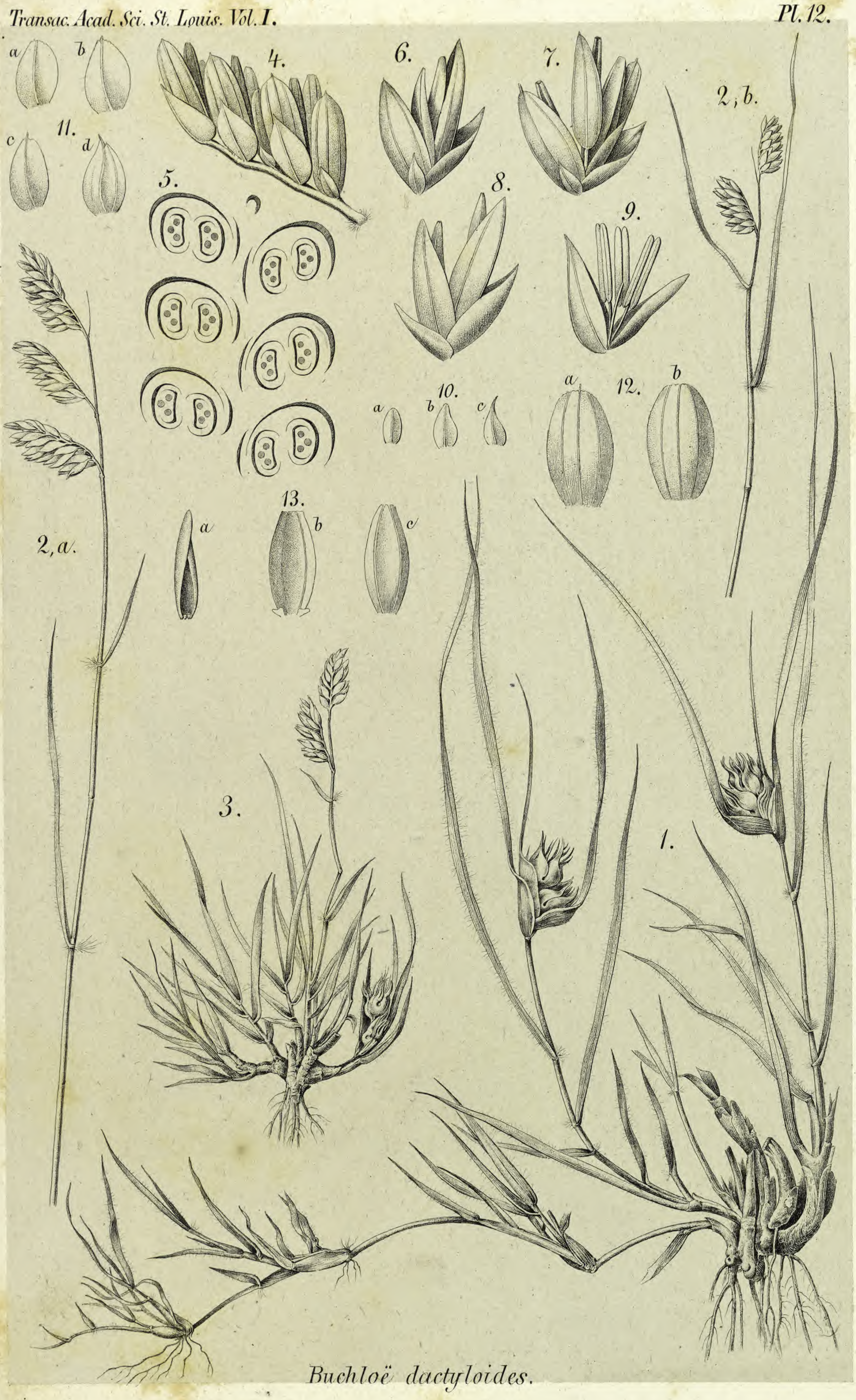

Buchloë dactyloides.

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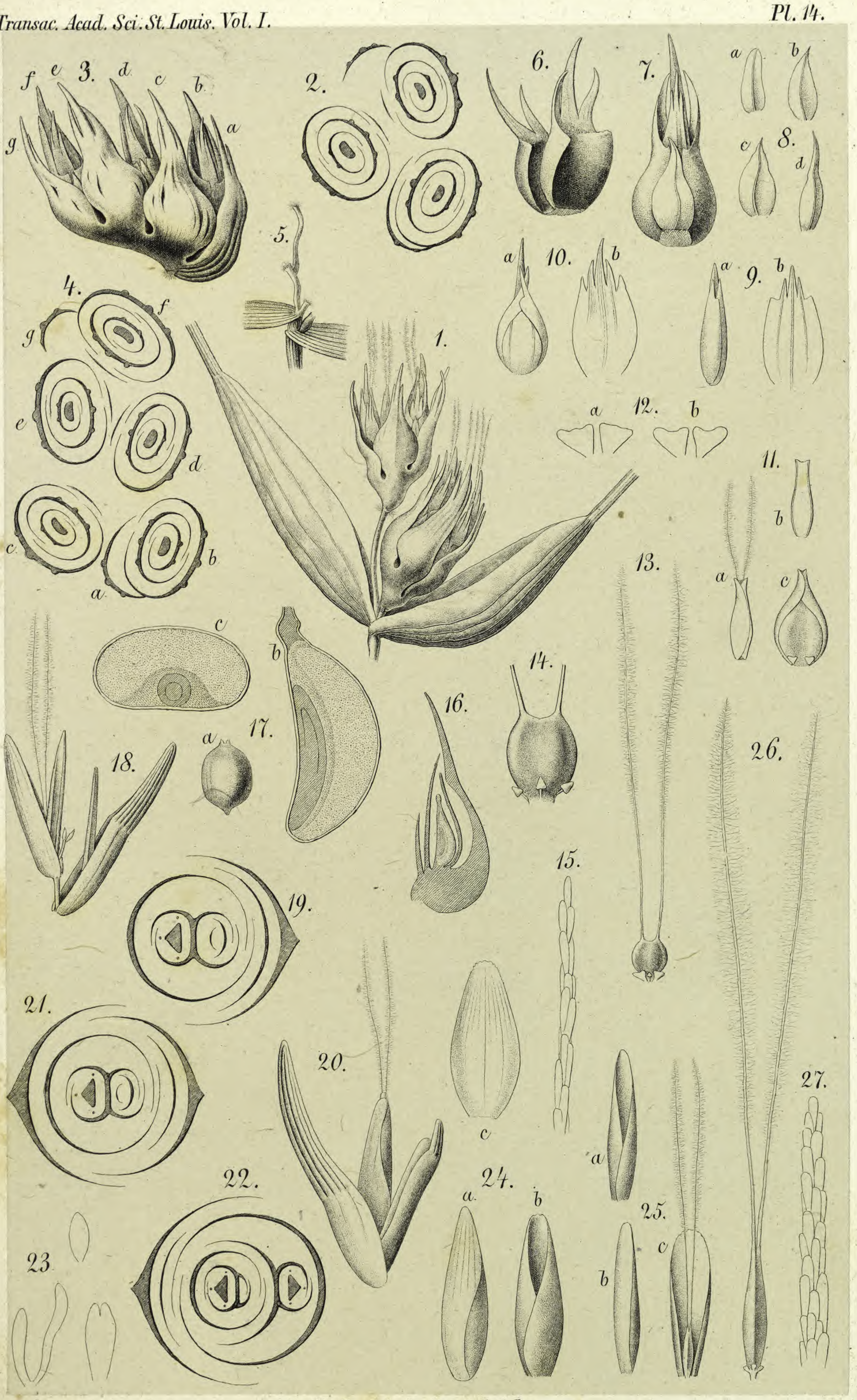

1-17 *Buchloë dactyloides.*
18-27 *Monanthochloë littoralis.*

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[illegible] ANN PAPERS

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